

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049611.D
 Acq On : 29 Jun 2018 1:17
 Operator : MD\SY
 Sample : VN0628WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 1:46:49 PM

Quant Time: Jun 29 04:45:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1399985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2135037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1882985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	972018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	921123	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	808225	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	10.09	98	3118514	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.40	95	1031066	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	328514	20.39	ug/l	100
3) Chloromethane	2.05	50	382734	18.39	ug/l	97
4) Vinyl Chloride	2.18	62	421915	19.08	ug/l	99
5) Bromomethane	2.56	94	203269	17.49	ug/l	99
6) Chloroethane	2.70	64	259732	19.70	ug/l	100
7) Trichlorofluoromethane	3.02	101	449336	16.29	ug/l	98
8) Diethyl Ether	3.41	74	181656	18.86	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	333461	19.06	ug/l	92
10) Methyl Iodide	3.95	142	431430	23.69	ug/l	92
11) Tert butyl alcohol	4.79	59	94185	86.42	ug/l	99
12) 1,1-Dichloroethene	3.73	96	306567	19.10	ug/l	90
13) Acrolein	3.61	56	101544	88.85	ug/l	97
14) Allyl chloride	4.32	41	430669	16.99	ug/l	90
15) Acrylonitrile	4.99	53	494309	90.71	ug/l	99
16) Acetone	3.82	43	376389	83.48	ug/l	92
17) Carbon Disulfide	4.05	76	888100	17.65	ug/l	100
18) Methyl Acetate	4.33	43	402238	29.26	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	797254	19.48	ug/l	100
20) Methylene Chloride	4.55	84	349601	18.57	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	318233	18.73	ug/l	90
22) Diisopropyl ether	5.95	45	1012662	20.01	ug/l	96
23) Vinyl Acetate	5.90	43	3136750	95.07	ug/l	96
24) 1,1-Dichloroethane	5.85	63	622431	19.21	ug/l	98
25) 2-Butanone	6.84	43	526874	87.03	ug/l	96
26) 2,2-Dichloropropane	6.82	77	396929	15.17	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	366332	19.39	ug/l	89
28) Bromochloromethane	7.19	49	263848	18.37	ug/l	84
29) Tetrahydrofuran	7.21	42	359432	92.24	ug/l	94
30) Chloroform	7.37	83	636229	19.73	ug/l	100
31) Cyclohexane	7.65	56	542020	19.63	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	535996	19.48	ug/l	97
36) 1,1-Dichloropropene	7.79	75	460653	18.83	ug/l	97
37) Ethyl Acetate	6.93	43	273102	20.53	ug/l	99
38) Carbon Tetrachloride	7.77	117	442845	17.48	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049611.D
 Acq On : 29 Jun 2018 1:17
 Operator : MD\SY
 Sample : VN0628WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 1:46:49 PM

Quant Time: Jun 29 04:45:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	489882	18.65	ug/l	97
40) Benzene	8.04	78	1401804	18.69	ug/l	99
41) Methacrylonitrile	7.17	41	117656	16.36	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	434393	18.74	ug/l	95
43) Isopropyl Acetate	8.17	43	553907	21.79	ug/l	98
44) Trichloroethene	8.84	130	406143	20.50	ug/l	93
45) 1,2-Dichloropropane	9.12	63	370331	18.85	ug/l	100
46) Dibromomethane	9.21	93	214692	18.85	ug/l	90
47) Bromodichloromethane	9.40	83	466811	18.65	ug/l	98
48) Methyl methacrylate	9.20	41	229767	19.20	ug/l	89
49) 1,4-Dioxane	9.20	88	58433	353.72	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1244638	93.43	ug/l	95
52) Toluene	10.16	92	851519	19.34	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	412228	17.22	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	499230	17.66	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	305692	18.62	ug/l	98
56) Ethyl methacrylate	10.43	69	359172	18.97	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	497331	18.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	812337	127.44	ug/l	95
59) 2-Hexanone	10.75	43	774694	90.21	ug/l	93
60) Dibromochloromethane	10.90	129	328795	17.95	ug/l	98
61) 1,2-Dibromoethane	11.01	107	292547	19.17	ug/l	99
64) Tetrachloroethene	10.63	164	493347	25.57	ug/l	98
65) Chlorobenzene	11.44	112	929607	19.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	335195	18.36	ug/l	98
67) Ethyl Benzene	11.51	91	1547140	19.23	ug/l	97
68) m/p-Xylenes	11.62	106	1218010	40.34	ug/l	97
69) o-Xylene	11.95	106	582886	20.04	ug/l	97
70) Styrene	11.97	104	952364	20.76	ug/l	96
71) Bromoform	12.13	173	212790	18.01	ug/l #	98
73) Isopropylbenzene	12.25	105	1515391	17.76	ug/l	97
74) N-amyl acetate	12.07	43	383608	18.35	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	327450	17.18	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	299880m	18.08	ug/l	
77) Bromobenzene	12.53	156	392174	17.40	ug/l	90
78) n-propylbenzene	12.59	91	1760896	18.79	ug/l	99
79) 2-Chlorotoluene	12.68	91	1066856	17.97	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1300540	19.39	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	74972	14.29	ug/l	95
82) 4-Chlorotoluene	12.77	91	1081356	18.88	ug/l	97
83) tert-Butylbenzene	12.99	119	1077661	18.13	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1321048	19.82	ug/l	99
85) sec-Butylbenzene	13.17	105	1443106	18.24	ug/l	98
86) p-Isopropyltoluene	13.29	119	1267172	19.17	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	701941	18.93	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	690886	18.80	ug/l	100
89) n-Butylbenzene	13.62	91	986559	19.11	ug/l	97
90) Hexachloroethane	13.88	117	112068	7.52	ug/l	85
91) 1,2-Dichlorobenzene	13.65	146	694043	19.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51346	17.28	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049611.D
Acq On : 29 Jun 2018 1:17
Operator : MD\SY
Sample : VN0628WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD02

Manual Integrations
APPROVED

MMDadoda
6/29/2018 1:46:49 PM

Quant Time: Jun 29 04:45:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	281891	20.05	ug/l	97
94) Hexachlorobutadiene	15.01	225	214863	18.48	ug/l	99
95) Naphthalene	15.14	128	569695	22.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	286064	19.80	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049611.D
Acq On : 29 Jun 2018 1:17
Operator : MD\SY
Sample : VN0628WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD02

Manual Integrations
APPROVED

MMDadoda
6/29/2018 1:46:49 PM

Quant Time: Jun 29 04:45:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

