

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050034.D
 Acq On : 24 Jul 2018 20:53
 Operator : MD\SY
 Sample : VN0724WBSD01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:32:40 PM

Quant Time: Jul 25 01:26:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	606291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	925929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417064	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	433684	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	7.59	113	377205	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
50) Toluene-d8	10.09	98	1385947	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	452195	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	187144	21.48	ug/l	98
3) Chloromethane	2.06	50	189356	20.00	ug/l	99
4) Vinyl Chloride	2.18	62	200208	20.08	ug/l	99
5) Bromomethane	2.56	94	114555	20.09	ug/l	99
6) Chloroethane	2.70	64	114937	19.19	ug/l	97
7) Trichlorofluoromethane	3.01	101	254945	19.74	ug/l	98
8) Diethyl Ether	3.41	74	86041	19.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	149655	19.27	ug/l	100
10) Methyl Iodide	3.95	142	189220	18.98	ug/l	100
11) Tert butyl alcohol	4.81	59	64086	102.96	ug/l #	89
12) 1,1-Dichloroethene	3.73	96	134619	19.26	ug/l	97
13) Acrolein	3.61	56	46694	93.37	ug/l	99
14) Allyl chloride	4.32	41	211362	19.51	ug/l	99
15) Acrylonitrile	5.00	53	282046	103.87	ug/l	99
16) Acetone	3.82	43	213943	104.85	ug/l	98
17) Carbon Disulfide	4.05	76	409145	19.11	ug/l	100
18) Methyl Acetate	4.33	43	185377	23.04	ug/l	100
19) Methyl tert-butyl Ether	5.06	73	381403	20.48	ug/l	98
20) Methylene Chloride	4.55	84	158685	20.42	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	143314	19.35	ug/l	94
22) Diisopropyl ether	5.96	45	448573	20.88	ug/l	96
23) Vinyl Acetate	5.90	43	1537946	101.29	ug/l	98
24) 1,1-Dichloroethane	5.85	63	274148	19.51	ug/l	100
25) 2-Butanone	6.85	43	338789	105.00	ug/l	99
26) 2,2-Dichloropropane	6.83	77	178993	16.75	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	157357	19.74	ug/l	99
28) Bromochloromethane	7.20	49	117004	18.26	ug/l	99
29) Tetrahydrofuran	7.22	42	218686	104.89	ug/l	99
30) Chloroform	7.37	83	278910	19.45	ug/l	98
31) Cyclohexane	7.66	56	228659	19.58	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	239171	19.50	ug/l	100
36) 1,1-Dichloropropene	7.80	75	200976	19.27	ug/l	99
37) Ethyl Acetate	6.94	43	145655	20.03	ug/l	99
38) Carbon Tetrachloride	7.78	117	210245	18.99	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050034.D
 Acq On : 24 Jul 2018 20:53
 Operator : MD\SY
 Sample : VN0724WBSD01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0724WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:32:40 PM

Quant Time: Jul 25 01:26:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	204282	19.04	ug/l	99
40) Benzene	8.05	78	622723	19.62	ug/l	99
41) Methacrylonitrile	7.18	41	70466	20.33	ug/l #	83
42) 1,2-Dichloroethane	8.13	62	203791	19.24	ug/l	99
43) Isopropyl Acetate	8.17	43	311538	22.09	ug/l	93
44) Trichloroethene	8.84	130	161429	18.93	ug/l	99
45) 1,2-Dichloropropane	9.12	63	161466	19.20	ug/l	100
46) Dibromomethane	9.21	93	103336	19.79	ug/l	98
47) Bromodichloromethane	9.41	83	209585	19.02	ug/l	95
48) Methyl methacrylate	9.20	41	128064	20.44	ug/l	100
49) 1,4-Dioxane	9.21	88	36563	428.92	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	750208	104.93	ug/l	99
52) Toluene	10.16	92	378178	20.18	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	201426	19.37	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	229078	19.28	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	145738	19.61	ug/l	99
56) Ethyl methacrylate	10.43	69	177227	18.92	ug/l	99
57) 1,3-Dichloropropane	10.71	76	239836	19.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	421609	95.10	ug/l	100
59) 2-Hexanone	10.76	43	501465	98.65	ug/l	99
60) Dibromochloromethane	10.90	129	163454	19.86	ug/l	100
61) 1,2-Dibromoethane	11.01	107	143798	19.50	ug/l	98
64) Tetrachloroethene	10.63	164	155841	19.64	ug/l	100
65) Chlorobenzene	11.44	112	398385	19.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153814	19.21	ug/l	99
67) Ethyl Benzene	11.52	91	663004	19.80	ug/l	100
68) m/p-Xylenes	11.63	106	520032	41.06	ug/l	100
69) o-Xylene	11.95	106	247009	20.46	ug/l	97
70) Styrene	11.97	104	393522	18.91	ug/l	100
71) Bromoform	12.13	173	112450	19.30	ug/l #	98
73) Isopropylbenzene	12.25	105	653004	20.19	ug/l	100
74) N-amyl acetate	12.07	43	197655	19.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	192574	21.27	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	155019m	20.00	ug/l	
77) Bromobenzene	12.53	156	174840	19.50	ug/l	99
78) n-propylbenzene	12.59	91	742972	20.55	ug/l	100
79) 2-Chlorotoluene	12.68	91	459042	20.49	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	535855	21.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	46398	18.99	ug/l	94
82) 4-Chlorotoluene	12.78	91	454045	20.46	ug/l	100
83) tert-Butylbenzene	13.00	119	455219	20.50	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	551011	21.49	ug/l	99
85) sec-Butylbenzene	13.17	105	613553	20.68	ug/l	100
86) p-Isopropyltoluene	13.29	119	521441	20.86	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	299809	19.73	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	291457	19.68	ug/l	99
89) n-Butylbenzene	13.62	91	405503	19.73	ug/l	99
90) Hexachloroethane	13.88	117	102029	18.38	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	297230	19.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30971	21.02	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
Data File : VN050034.D
Acq On : 24 Jul 2018 20:53
Operator : MD\SY
Sample : VN0724WBSD01
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

Manual Integrations
APPROVED

MMDadoda
7/27/2018 12:32:40 PM

Quant Time: Jul 25 01:26:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	133813	18.67	ug/l	97
94) Hexachlorobutadiene	15.01	225	88731	19.08	ug/l	99
95) Naphthalene	15.14	128	309172	19.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	143934	19.74	ug/l	99

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

