

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051404.D
 Acq On : 23 Sep 2018 11:31
 Operator : MD\SY
 Sample : VN0923WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Manual Integrations
 APPROVED

apatel
 9/25/2018 12:10:24 PM

Quant Time: Sep 24 07:03:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	505651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	741053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311581	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	328755	51.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.80%	
35) Dibromofluoromethane	7.59	113	293150	49.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.94%	
50) Toluene-d8	10.09	98	1086729	48.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	340610	47.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	87029	18.448	ug/l	97
3) Chloromethane	2.06	50	153360	20.422	ug/l	98
4) Vinyl Chloride	2.18	62	163919	19.777	ug/l	100
5) Bromomethane	2.57	94	104597	21.092	ug/l	99
6) Chloroethane	2.70	64	104171	20.170	ug/l	98
7) Trichlorofluoromethane	3.02	101	224233	20.654	ug/l	97
8) Diethyl Ether	3.41	74	80338	22.058	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	108134	17.648	ug/l	98
10) Methyl Iodide	3.96	142	138860	17.242	ug/l	98
11) Tert butyl alcohol	4.78	59	34944	97.749	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	104352	18.548	ug/l	96
13) Acrolein	3.61	56	38416	108.219	ug/l	99
14) Allyl chloride	4.33	41	164472	17.425	ug/l	99
15) Acrylonitrile	4.99	53	184911	95.086	ug/l	98
16) Acetone	3.82	43	132881	77.833	ug/l	98
17) Carbon Disulfide	4.05	76	293003	17.727	ug/l	100
18) Methyl Acetate	4.33	43	91625	18.993	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	279459	19.263	ug/l	99
20) Methylene Chloride	4.55	84	122686	19.573	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	106504	18.506	ug/l	99
22) Diisopropyl ether	5.95	45	376319	20.625	ug/l	98
23) Vinyl Acetate	5.90	43	1165763	97.320	ug/l	99
24) 1,1-Dichloroethane	5.85	63	219467	20.160	ug/l	99
25) 2-Butanone	6.84	43	202267	93.295	ug/l	97
26) 2,2-Dichloropropane	6.83	77	110587	13.013	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	122941	19.468	ug/l	99
28) Bromochloromethane	7.20	49	101138	20.118	ug/l	99
29) Tetrahydrofuran	7.21	42	134706	98.046	ug/l	100
30) Chloroform	7.37	83	221034	20.491	ug/l	98
31) Cyclohexane	7.66	56	187433	18.792	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	188829	20.476	ug/l	100
36) 1,1-Dichloropropene	7.80	75	160026	18.648	ug/l	98
37) Ethyl Acetate	6.93	43	93564	18.963	ug/l	97
38) Carbon Tetrachloride	7.77	117	169470	18.881	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051404.D
 Acq On : 23 Sep 2018 11:31
 Operator : MD\SY
 Sample : VN0923WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0923WBSD01

Manual Integrations
 APPROVED

apatel
 9/25/2018 12:10:24 PM

Quant Time: Sep 24 07:03:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	169185	16.865	ug/l	95
40) Benzene	8.04	78	491474	19.505	ug/l	99
41) Methacrylonitrile	7.17	41	43475	15.926	ug/l	91
42) 1,2-Dichloroethane	8.13	62	159266	19.740	ug/l	100
43) Isopropyl Acetate	8.17	43	167406	18.763	ug/l #	88
44) Trichloroethene	8.84	130	126117	18.844	ug/l	96
45) 1,2-Dichloropropane	9.12	63	135092	19.723	ug/l	99
46) Dibromomethane	9.21	93	76624	19.799	ug/l	98
47) Bromodichloromethane	9.40	83	165987	19.381	ug/l	99
48) Methyl methacrylate	9.20	41	84117	18.910	ug/l	98
49) 1,4-Dioxane	9.20	88	20390	374.019	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	466717	95.116	ug/l	99
52) Toluene	10.16	92	299921	19.153	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	148681	17.196	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	175184	17.471	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	111005	20.058	ug/l	98
56) Ethyl methacrylate	10.43	69	127708	18.874	ug/l	100
57) 1,3-Dichloropropane	10.71	76	182891	19.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	309345	97.966	ug/l	99
59) 2-Hexanone	10.75	43	283980	89.276	ug/l	98
60) Dibromochloromethane	10.90	129	124150	19.013	ug/l	99
61) 1,2-Dibromoethane	11.00	107	104002	19.359	ug/l	97
64) Tetrachloroethene	10.63	164	119483	20.062	ug/l	99
65) Chlorobenzene	11.43	112	316175	18.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	124537	19.414	ug/l	99
67) Ethyl Benzene	11.51	91	533446	18.800	ug/l	100
68) m/p-Xylenes	11.62	106	412093	37.546	ug/l	99
69) o-Xylene	11.95	106	199295	18.888	ug/l	98
70) Styrene	11.96	104	309411	18.506	ug/l	100
71) Bromoform	12.13	173	82470	18.947	ug/l #	99
73) Isopropylbenzene	12.25	105	526357	20.022	ug/l	99
74) N-amyl acetate	12.07	43	129926	19.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	125272	20.434	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	109089m	21.090	ug/l	
77) Bromobenzene	12.53	156	131857	19.813	ug/l	98
78) n-propylbenzene	12.59	91	584091	19.714	ug/l	98
79) 2-Chlorotoluene	12.67	91	357080	20.134	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	436106	20.344	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27937	16.608	ug/l	97
82) 4-Chlorotoluene	12.77	91	348173	19.669	ug/l	99
83) tert-Butylbenzene	12.99	119	380919	19.964	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	437528	20.255	ug/l	99
85) sec-Butylbenzene	13.17	105	518119	20.072	ug/l	99
86) p-Isopropyltoluene	13.29	119	432832	19.379	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	222029	19.279	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	215299	19.429	ug/l	100
89) n-Butylbenzene	13.61	91	321719	17.517	ug/l	99
90) Hexachloroethane	13.87	117	87322	19.622	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	218532	19.557	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	17657	20.182	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051404.D
Acq On : 23 Sep 2018 11:31
Operator : MD\SY
Sample : VN0923WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Manual Integrations
APPROVED

apatel
9/25/2018 12:10:24 PM

Quant Time: Sep 24 07:03:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	87552	18.776	ug/l	97
94) Hexachlorobutadiene	15.01	225	79330	18.763	ug/l	97
95) Naphthalene	15.13	128	155260	19.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	92227	17.198	ug/l	100

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

