

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006168.D
 Acq On : 26 Nov 2018 12:05
 Operator : JC/MD
 Sample : VX1126WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:16 AM

Quant Time: Nov 27 02:52:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183338	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	145724	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.71	98	555319	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.14	95	201464	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44566	19.880	ug/l	99
3) Chloromethane	1.32	50	49524	17.488	ug/l	100
4) Vinyl Chloride	1.40	62	55379	19.225	ug/l	95
5) Bromomethane	1.64	94	28649	15.686	ug/l	95
6) Chloroethane	1.72	64	31542	26.787	ug/l	97
7) Trichlorofluoromethane	1.93	101	77309	20.516	ug/l	100
8) Diethyl Ether	2.19	74	30711	19.280	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45142	20.202	ug/l	99
10) Methyl Iodide	2.51	142	23427	8.362	ug/l	98
11) Tert butyl alcohol	3.06	59	78726	105.868	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43009	19.744	ug/l	97
13) Acrolein	2.29	56	42549	95.621	ug/l	96
14) Allyl chloride	2.73	41	91016	20.423	ug/l	99
15) Acrylonitrile	3.15	53	165793	100.940	ug/l	99
16) Acetone	2.45	43	181034	116.707	ug/l	100
17) Carbon Disulfide	2.57	76	126919	21.578	ug/l	98
18) Methyl Acetate	2.78	43	86469	21.737	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	153913	20.442	ug/l	98
20) Methylene Chloride	2.85	84	49279	20.786	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	46900	20.578	ug/l	92
22) Diisopropyl ether	3.87	45	203937	21.376	ug/l	94
23) Vinyl Acetate	3.82	43	872969	110.293	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90572	20.151	ug/l	100
25) 2-Butanone	4.70	43	309602	107.530	ug/l	100
26) 2,2-Dichloropropane	4.58	77	86148	23.255	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62521	19.627	ug/l	95
28) Bromochloromethane	5.02	49	51923	19.821	ug/l	98
29) Tetrahydrofuran	5.15	42	188527	104.964	ug/l	99
30) Chloroform	5.21	83	108549	19.929	ug/l	99
31) Cyclohexane	5.57	56	91907	19.576	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	92499	21.032	ug/l	99
36) 1,1-Dichloropropene	5.79	75	78036	19.512	ug/l	98
37) Ethyl Acetate	4.85	43	104045	20.221	ug/l	98
38) Carbon Tetrachloride	5.79	117	79340	21.106	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87072	19.110	ug/l	98
40) Benzene	6.14	78	237431	20.151	ug/l	99
41) Methacrylonitrile	5.06	41	57592	20.311	ug/l	98
42) 1,2-Dichloroethane	6.20	62	90401	20.522	ug/l	98
43) Isopropyl Acetate	6.46	43	154451	20.785	ug/l	99
44) Trichloroethene	7.21	130	63743	19.465	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63946	20.507	ug/l	98
46) Dibromomethane	7.66	93	42551	19.926	ug/l	98
47) Bromodichloromethane	7.90	83	80557	20.396	ug/l	99
48) Methyl methacrylate	7.77	41	80339	21.318	ug/l	99
49) 1,4-Dioxane	7.75	88	35911	401.647	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	554707	104.129	ug/l	99
52) Toluene	8.79	92	149004	20.445	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	84514	20.505	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	96785	21.242	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	63283	20.050	ug/l	98
56) Ethyl methacrylate	9.18	69	88050	19.753	ug/l	97
57) 1,3-Dichloropropane	9.37	76	104812	20.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	265958	101.069	ug/l	100
59) 2-Hexanone	9.49	43	449507	106.325	ug/l	99
60) Dibromochloromethane	9.58	129	64838	20.953	ug/l	100
61) 1,2-Dibromoethane	9.67	107	66193	20.357	ug/l	100
64) Tetrachloroethene	9.34	164	66643	19.605	ug/l	98
65) Chlorobenzene	10.14	112	169243	19.974	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	61549	21.159	ug/l	99
67) Ethyl Benzene	10.25	91	284688	20.521	ug/l	100
68) m/p-Xylenes	10.36	106	221243	40.954	ug/l	99
69) o-Xylene	10.70	106	102829	19.927	ug/l	98
70) Styrene	10.71	104	173993	20.680	ug/l	99
71) Bromoform	10.86	173	52803	20.279	ug/l	99
73) Isopropylbenzene	11.02	105	289710	21.744	ug/l	100
74) N-amyl acetate	10.90	43	128125	20.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	102974	20.508	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	98828m	21.799	ug/l	
77) Bromobenzene	11.26	156	77260	20.700	ug/l	100
78) n-propylbenzene	11.36	91	333273	21.479	ug/l	100
79) 2-Chlorotoluene	11.42	91	200318	21.340	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	240084	21.372	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28041	20.920	ug/l	99
82) 4-Chlorotoluene	11.51	91	233250	21.292	ug/l	99
83) tert-Butylbenzene	11.77	119	235085	21.437	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	250941	21.900	ug/l	99
85) sec-Butylbenzene	11.94	105	290712	21.673	ug/l	99
86) p-Isopropyltoluene	12.07	119	255282	21.345	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	139677	20.296	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143629	20.133	ug/l	99
89) n-Butylbenzene	12.39	91	222451	20.544	ug/l	99
90) Hexachloroethane	12.60	117	42740	22.395	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	141009	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24631	21.141	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101276	20.433	ug/l	99
94) Hexachlorobutadiene	13.79	225	50034	20.713	ug/l	98
95) Naphthalene	13.83	128	309250	21.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104213	20.624	ug/l	99

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

