

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003010.D
 Acq On : 29 Jun 2018 03:10
 Operator : JC/MD
 Sample : VX0628WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:55 PM

Quant Time: Jun 29 08:07:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191270	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.51	113	154234	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.72	98	555976	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.14	95	208551	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64267	25.90	ug/l	98
3) Chloromethane	1.32	50	60879	23.12	ug/l	97
4) Vinyl Chloride	1.40	62	66154	21.16	ug/l	92
5) Bromomethane	1.64	94	30423	19.17	ug/l	95
6) Chloroethane	1.72	64	42235	21.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	106737	20.24	ug/l	97
8) Diethyl Ether	2.19	74	37867	19.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58871	19.27	ug/l	99
10) Methyl Iodide	2.51	142	48954	20.06	ug/l	99
11) Tert butyl alcohol	3.07	59	76063	99.95	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53809	19.74	ug/l	97
13) Acrolein	2.29	56	38632	94.24	ug/l	96
14) Allyl chloride	2.73	41	104453	19.44	ug/l	97
15) Acrylonitrile	3.15	53	161573	99.40	ug/l	99
16) Acetone	2.45	43	147790	93.41	ug/l	97
17) Carbon Disulfide	2.57	76	155431	21.40	ug/l	99
18) Methyl Acetate	2.78	43	78035	17.64	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	192097	19.60	ug/l	99
20) Methylene Chloride	2.86	84	61161	19.87	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	58705	19.77	ug/l	96
22) Diisopropyl ether	3.88	45	210505	20.50	ug/l	97
23) Vinyl Acetate	3.83	43	893843	102.77	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111967	20.06	ug/l	98
25) 2-Butanone	4.71	43	238134	101.42	ug/l	98
26) 2,2-Dichloropropane	4.59	77	61846	13.62	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	67887	20.39	ug/l	98
28) Bromochloromethane	5.02	49	53859	20.16	ug/l	94
29) Tetrahydrofuran	5.17	42	152311	101.16	ug/l	97
30) Chloroform	5.22	83	116141	20.27	ug/l	99
31) Cyclohexane	5.57	56	96920	20.23	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	103850	20.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	83338	19.69	ug/l	98
37) Ethyl Acetate	4.86	43	92906	20.39	ug/l	98
38) Carbon Tetrachloride	5.79	117	92982	20.02	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91379	18.54	ug/l	98
40) Benzene	6.15	78	250784	20.40	ug/l	99
41) Methacrylonitrile	5.07	41	52954	20.18	ug/l	98
42) 1,2-Dichloroethane	6.20	62	98508	19.83	ug/l	99
43) Isopropyl Acetate	6.47	43	149699	19.59	ug/l	99
44) Trichloroethene	7.21	130	72847	19.87	ug/l	100
45) 1,2-Dichloropropane	7.52	63	65390	20.05	ug/l	99
46) Dibromomethane	7.67	93	45388	20.05	ug/l	97
47) Bromodichloromethane	7.90	83	83919	20.06	ug/l	98
48) Methyl methacrylate	7.78	41	76494	19.43	ug/l	96
49) 1,4-Dioxane	7.76	88	30451	397.54	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	482306	100.89	ug/l	98
52) Toluene	8.79	92	162508	20.63	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	89499	18.89	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	82070	18.00	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	65420	20.21	ug/l	98
56) Ethyl methacrylate	9.18	69	97272	20.56	ug/l	96
57) 1,3-Dichloropropane	9.38	76	108437	20.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	237427	104.04	ug/l	98
59) 2-Hexanone	9.50	43	365024	100.47	ug/l	98
60) Dibromochloromethane	9.59	129	67742	19.88	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68395	20.15	ug/l	98
64) Tetrachloroethene	9.34	164	81614	20.06	ug/l	98
65) Chlorobenzene	10.14	112	186105	20.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68219	20.21	ug/l	99
67) Ethyl Benzene	10.26	91	308945	20.13	ug/l	99
68) m/p-Xylenes	10.36	106	240769	40.70	ug/l	98
69) o-Xylene	10.70	106	116500	20.22	ug/l	99
70) Styrene	10.71	104	194627	20.79	ug/l	99
71) Bromoform	10.86	173	51690	19.53	ug/l #	98
73) Isopropylbenzene	11.02	105	309944	20.86	ug/l	100
74) N-amyl acetate	6.47	43	149699	20.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	97363	21.27	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83186m	20.79	ug/l	
77) Bromobenzene	11.26	156	87895	20.77	ug/l	97
78) n-propylbenzene	11.37	91	343521	20.31	ug/l	99
79) 2-Chlorotoluene	11.43	91	212948	20.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	256015	20.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19731	16.71	ug/l	91
82) 4-Chlorotoluene	11.51	91	245478	20.25	ug/l	99
83) tert-Butylbenzene	11.77	119	248691	20.16	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	265374	20.46	ug/l	99
85) sec-Butylbenzene	11.95	105	296172	19.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	264330	19.65	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	155567	20.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	157337	19.78	ug/l	99
89) n-Butylbenzene	12.39	91	215804	18.43	ug/l	100
90) Hexachloroethane	12.60	117	36063	18.02	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	156853	20.10	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20202	19.63	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	108276	19.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	52874	18.67	ug/l	99
95) Naphthalene	13.84	128	314324	20.78	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	112155	19.78	ug/l	100

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

