

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003904.D
 Acq On : 08 Aug 2018 03:11
 Operator : JC/MD
 Sample : VX0807WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

Manual Integrations
 APPROVED

sam
 8/21/2018 4:31:47 PM

Quant Time: Aug 08 05:04:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	488326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	463633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219784	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	5.51	113	181712	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.72	98	706577	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	254543	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	66838	20.03	ug/l	99
3) Chloromethane	1.32	50	85539	18.84	ug/l	100
4) Vinyl Chloride	1.40	62	89093	19.67	ug/l	100
5) Bromomethane	1.64	94	55360	20.77	ug/l	100
6) Chloroethane	1.72	64	75130	25.93	ug/l	97
7) Trichlorofluoromethane	1.93	101	118193	19.77	ug/l	99
8) Diethyl Ether	2.19	74	53627	19.95	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72018	19.27	ug/l	99
10) Methyl Iodide	2.51	142	87157	18.75	ug/l	99
11) Tert butyl alcohol	3.07	59	100922	96.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68500	19.38	ug/l	98
13) Acrolein	2.29	56	50472	89.25	ug/l	100
14) Allyl chloride	2.73	41	127681	18.74	ug/l	100
15) Acrylonitrile	3.15	53	249821	99.80	ug/l	100
16) Acetone	2.45	43	252788	97.33	ug/l	99
17) Carbon Disulfide	2.57	76	186093	18.85	ug/l	99
18) Methyl Acetate	2.78	43	115223	20.37	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	251045	20.04	ug/l	98
20) Methylene Chloride	2.85	84	84953	19.65	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	76814	19.14	ug/l	98
22) Diisopropyl ether	3.87	45	248767	19.86	ug/l	99
23) Vinyl Acetate	3.82	43	1013108	97.21	ug/l	100
24) 1,1-Dichloroethane	3.70	63	148162	19.91	ug/l	99
25) 2-Butanone	4.71	43	384854	98.55	ug/l	100
26) 1,2-Dichloropropane	4.59	77	62593	11.67	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	84807	19.48	ug/l	96
28) Bromochloromethane	5.02	49	67174	21.10	ug/l	99
29) Tetrahydrofuran	5.17	42	197467	98.39	ug/l	99
30) Chloroform	5.21	83	141972	20.27	ug/l	99
31) Cyclohexane	5.57	56	120425	19.14	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	118468	20.17	ug/l	98
36) 1,1-Dichloropropene	5.80	75	104207	19.05	ug/l	100
37) Ethyl Acetate	4.87	43	116824	19.42	ug/l	99
38) Carbon Tetrachloride	5.78	117	101373	19.47	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116765	18.11	ug/l	99
40) Benzene	6.15	78	324663	19.77	ug/l	99
41) Methacrylonitrile	5.06	41	64357	19.42	ug/l	99
42) 1,2-Dichloroethane	6.20	62	111824	20.14	ug/l	100
43) Isopropyl Acetate	6.47	43	175177	19.35	ug/l	99
44) Trichloroethene	7.21	130	84700	18.86	ug/l	94
45) 1,2-Dichloropropane	7.52	63	82490	19.45	ug/l	99
46) Dibromomethane	7.67	93	53631	19.48	ug/l	98
47) Bromodichloromethane	7.90	83	100291	19.34	ug/l	99
48) Methyl methacrylate	7.78	41	90429	19.65	ug/l	100
49) 1,4-Dioxane	7.76	88	41289	380.84	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	759160	101.16	ug/l	99
52) Toluene	8.79	92	206216	19.87	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	100618	17.16	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	113310	17.92	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	83251	19.63	ug/l	98
56) Ethyl methacrylate	9.18	69	118048	19.19	ug/l	100
57) 1,3-Dichloropropane	9.37	76	142368	20.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	309741	102.38	ug/l	99
59) 2-Hexanone	9.50	43	573430	102.22	ug/l	99
60) Dibromochloromethane	9.59	129	79230	20.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	86247	20.31	ug/l	100
64) Tetrachloroethene	9.34	164	84740	18.58	ug/l	92
65) Chlorobenzene	10.14	112	228920	18.98	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	78951	19.04	ug/l	98
67) Ethyl Benzene	10.26	91	377901	19.14	ug/l	99
68) m/p-Xylenes	10.36	106	299673	38.84	ug/l	97
69) o-Xylene	10.70	106	142527	19.57	ug/l	96
70) Styrene	10.71	104	238584	20.01	ug/l	98
71) Bromoform	10.86	173	59147	18.75	ug/l #	98
73) Isopropylbenzene	11.02	105	381337	19.66	ug/l	96
74) N-amyl acetate	6.47	43	175177	17.36	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	129984	19.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112627m	19.44	ug/l	
77) Bromobenzene	11.26	156	100475	19.41	ug/l	99
78) n-propylbenzene	11.36	91	431005	19.78	ug/l	100
79) 2-Chlorotoluene	11.42	91	260800	19.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	319057	20.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	29381	15.40	ug/l	95
82) 4-Chlorotoluene	11.51	91	304158	19.54	ug/l	99
83) tert-Butylbenzene	11.77	119	308781	19.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	329916	20.74	ug/l	100
85) sec-Butylbenzene	11.94	105	367608	20.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	323087	19.60	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	183129	19.14	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	174996	18.91	ug/l	98
89) n-Butylbenzene	12.39	91	237831	16.56	ug/l	100
90) Hexachloroethane	12.60	117	43266	16.17	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	170208	17.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22014	16.16	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123555	18.11	ug/l	97
94) Hexachlorobutadiene	13.79	225	56936	19.19	ug/l	100
95) Naphthalene	13.83	128	395789	20.26	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133216	19.57	ug/l	100

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

