

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004125.D
 Acq On : 17 Aug 2018 12:10
 Operator : JC/MD
 Sample : VX0817WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:04:13 AM

Quant Time: Aug 18 03:02:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207504	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	5.51	113	168364	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	8.71	98	669569	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	218782	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55848	20.05	ug/l	100
3) Chloromethane	1.32	50	82000	23.99	ug/l	99
4) Vinyl Chloride	1.40	62	70473	19.06	ug/l	98
5) Bromomethane	1.64	94	37902	20.12	ug/l	96
6) Chloroethane	1.73	64	50445	19.66	ug/l	93
7) Trichlorofluoromethane	1.93	101	101016	19.47	ug/l	98
8) Diethyl Ether	2.18	74	44967	19.86	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63150	19.52	ug/l	99
10) Methyl Iodide	2.51	142	49869	17.99	ug/l	100
11) Tert butyl alcohol	3.04	59	80535	99.22	ug/l	99
12) 1,1-Dichloroethene	2.38	96	56842	18.89	ug/l	99
13) Acrolein	2.29	56	33586	69.27	ug/l	98
14) Allyl chloride	2.73	41	108781	19.00	ug/l	97
15) Acrylonitrile	3.14	53	196703	97.20	ug/l	98
16) Acetone	2.43	43	211172	100.77	ug/l	99
17) Carbon Disulfide	2.57	76	155022	18.16	ug/l	100
18) Methyl Acetate	2.77	43	96890	20.80	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	207034	19.53	ug/l	99
20) Methylene Chloride	2.86	84	69904	20.04	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	64730	18.94	ug/l	98
22) Diisopropyl ether	3.86	45	216695	19.31	ug/l	# 89
23) Vinyl Acetate	3.82	43	904937	98.19	ug/l	100
24) 1,1-Dichloroethane	3.70	63	123628	19.45	ug/l	100
25) 2-Butanone	4.69	43	364061	106.77	ug/l	99
26) 2,2-Dichloropropane	4.59	77	95583	18.92	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	78477	20.42	ug/l	100
28) Bromochloromethane	5.02	49	58157	19.94	ug/l	98
29) Tetrahydrofuran	5.15	42	166433	95.53	ug/l	99
30) Chloroform	5.21	83	126546	20.40	ug/l	99
31) Cyclohexane	5.58	56	100158	17.98	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	104821	20.22	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90416	18.47	ug/l	99
37) Ethyl Acetate	4.85	43	110473	20.73	ug/l	100
38) Carbon Tetrachloride	5.78	117	91347	19.21	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100768	18.15	ug/l	99
40) Benzene	6.15	78	289172	19.68	ug/l	99
41) Methacrylonitrile	5.06	41	55444	18.58	ug/l	98
42) 1,2-Dichloroethane	6.20	62	101360	19.70	ug/l	100
43) Isopropyl Acetate	6.46	43	145004	18.46	ug/l	100
44) Trichloroethene	7.21	130	76574	19.19	ug/l	97
45) 1,2-Dichloropropane	7.52	63	72188	19.19	ug/l	99
46) Dibromomethane	7.67	93	48526	19.74	ug/l	98
47) Bromodichloromethane	7.90	83	91758	19.71	ug/l	99
48) Methyl methacrylate	7.78	41	75537	19.10	ug/l	98
49) 1,4-Dioxane	7.76	88	34964	392.71	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	652844	101.35	ug/l	99
52) Toluene	8.79	92	186255	20.04	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	94366	18.76	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	107026	19.21	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	76070	19.82	ug/l	99
56) Ethyl methacrylate	9.18	69	97545	18.69	ug/l	99
57) 1,3-Dichloropropane	9.37	76	126697	19.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	261069	98.23	ug/l	100
59) 2-Hexanone	9.50	43	491105	101.31	ug/l	98
60) Dibromochloromethane	9.59	129	71021	19.23	ug/l	100
61) 1,2-Dibromoethane	9.67	107	77895	19.91	ug/l	99
64) Tetrachloroethene	9.34	164	71872	20.48	ug/l	97
65) Chlorobenzene	10.14	112	191883	20.06	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	65658	20.12	ug/l	98
67) Ethyl Benzene	10.25	91	318044	21.00	ug/l	92
68) m/p-Xylenes	10.36	106	239466	40.37	ug/l	99
69) o-Xylene	10.70	106	110222	19.44	ug/l	95
70) Styrene	10.71	104	184470	19.33	ug/l	100
71) Bromoform	10.86	173	49529	19.14	ug/l #	97
73) Isopropylbenzene	11.02	105	327598	19.07	ug/l	99
74) N-amyl acetate	6.46	43	145004	17.94	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	106779	17.80	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	101813m	20.00	ug/l	
77) Bromobenzene	11.26	156	88737	18.74	ug/l	99
78) n-propylbenzene	11.36	91	370251	19.26	ug/l	98
79) 2-Chlorotoluene	11.42	91	225319	19.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	279564	19.87	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	26473	16.10	ug/l	91
82) 4-Chlorotoluene	11.51	91	267093	19.28	ug/l	99
83) tert-Butylbenzene	11.77	119	273063	19.25	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	291237	19.99	ug/l	99
85) sec-Butylbenzene	11.94	105	321350	19.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	291314	19.38	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	169940	18.81	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	170200	18.31	ug/l	98
89) n-Butylbenzene	12.39	91	217403	18.36	ug/l	99
90) Hexachloroethane	12.60	117	38778	17.24	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	152037	18.66	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19189	18.20	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95920	17.23	ug/l	100
94) Hexachlorobutadiene	13.79	225	44769	16.04	ug/l	99
95) Naphthalene	13.83	128	285999	16.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101526	16.72	ug/l	99

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

