

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004336.D
 Acq On : 31 Aug 2018 19:40
 Operator : JC/MD
 Sample : VX0831WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 12:10:57 PM

Quant Time: Sep 01 05:26:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168980	57.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.40%	
35) Dibromofluoromethane	5.49	113	141227	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	8.71	98	512208	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.14	95	195964	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	34382	13.21	ug/l	98
3) Chloromethane	1.32	50	61858	21.67	ug/l	100
4) Vinyl Chloride	1.40	62	56318	19.13	ug/l	99
5) Bromomethane	1.64	94	32289	21.08	ug/l	99
6) Chloroethane	1.72	64	51342	23.65	ug/l	100
7) Trichlorofluoromethane	1.92	101	64744	16.05	ug/l	94
8) Diethyl Ether	2.18	74	41330	23.92	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33940	13.43	ug/l	97
10) Methyl Iodide	2.51	142	56456	22.38	ug/l	99
11) Tert butyl alcohol	3.07	59	78606	125.92	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44808	18.82	ug/l	97
13) Acrolein	2.29	56	16661	110.70	ug/l	96
14) Allyl chloride	2.72	41	100158	22.90	ug/l	97
15) Acrylonitrile	3.15	53	192199	124.32	ug/l	99
16) Acetone	2.45	43	157235	127.57	ug/l	100
17) Carbon Disulfide	2.56	76	110701	17.28	ug/l	98
18) Methyl Acetate	2.78	43	137516	31.64	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	192455	24.53	ug/l	95
20) Methylene Chloride	2.86	84	65570	23.26	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	54154	20.55	ug/l	97
22) Diisopropyl ether	3.87	45	200896	24.60	ug/l	99
23) Vinyl Acetate	3.82	43	767019	115.90	ug/l	99
24) 1,1-Dichloroethane	3.70	63	110770	23.28	ug/l	99
25) 2-Butanone	4.70	43	251148	126.58	ug/l	100
26) 1,2-Dichloropropane	4.58	77	74684	20.01	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	68615	22.96	ug/l	97
28) Bromochloromethane	5.02	49	55176	26.19	ug/l	95
29) Tetrahydrofuran	5.16	42	157471	125.15	ug/l	99
30) Chloroform	5.21	83	112236	23.52	ug/l	99
31) Cyclohexane	5.57	56	58408	14.23	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	81638	20.52	ug/l	99
36) 1,1-Dichloropropene	5.79	75	69428	17.17	ug/l	99
37) Ethyl Acetate	4.86	43	87875	22.10	ug/l	100
38) Carbon Tetrachloride	5.78	117	64424	16.94	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52806	11.44	ug/l	95
40) Benzene	6.14	78	252924	20.93	ug/l	99
41) Methacrylonitrile	5.06	41	53177	23.07	ug/l	99
42) 1,2-Dichloroethane	6.20	62	90252	21.90	ug/l	99
43) Isopropyl Acetate	6.46	43	135122	22.11	ug/l	100
44) Trichloroethene	7.21	130	63144	18.88	ug/l	93
45) 1,2-Dichloropropane	7.51	63	67201	22.22	ug/l	99
46) Dibromomethane	7.67	93	42803	21.26	ug/l	98
47) Bromodichloromethane	7.90	83	80048	21.36	ug/l	98
48) Methyl methacrylate	7.78	41	71960	22.01	ug/l	99
49) 1,4-Dioxane	7.76	88	34454	464.07	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	478948	107.86	ug/l	99
52) Toluene	8.79	92	156941	20.75	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	86344	20.86	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	98118	21.77	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	69254	22.68	ug/l	99
56) Ethyl methacrylate	9.18	69	91960	22.12	ug/l	99
57) 1,3-Dichloropropane	9.37	76	116903	22.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	252080	118.36	ug/l	99
59) 2-Hexanone	9.50	43	365173	107.80	ug/l	99
60) Dibromochloromethane	9.59	129	62986	21.17	ug/l	100
61) 1,2-Dibromoethane	9.67	107	70197	22.22	ug/l	98
64) Tetrachloroethene	9.34	164	62046	17.67	ug/l	97
65) Chlorobenzene	10.14	112	177089	19.85	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	62918	20.45	ug/l	100
67) Ethyl Benzene	10.25	91	275510	19.02	ug/l	97
68) m/p-Xylenes	10.36	106	217629	38.42	ug/l	99
69) o-Xylene	10.70	106	107757	20.11	ug/l	99
70) Styrene	10.71	104	181988	20.98	ug/l	99
71) Bromoform	10.86	173	47299	19.07	ug/l	99
73) Isopropylbenzene	11.02	105	277697	19.54	ug/l	100
74) N-amyl acetate	10.90	43	113053	20.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	105307	21.18	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96064m	21.83	ug/l	
77) Bromobenzene	11.26	156	81903	20.55	ug/l	96
78) n-propylbenzene	11.36	91	316379	19.36	ug/l	99
79) 2-Chlorotoluene	11.42	91	204047	20.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	237464	20.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26649	19.65	ug/l	96
82) 4-Chlorotoluene	11.51	91	237528	20.07	ug/l	99
83) tert-Butylbenzene	11.77	119	226698	19.15	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	250534	20.74	ug/l	100
85) sec-Butylbenzene	11.95	105	262584	18.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	245012	19.45	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	150431	20.05	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	155359	19.63	ug/l	99
89) n-Butylbenzene	12.39	91	197791	19.31	ug/l	99
90) Hexachloroethane	12.60	117	32534	18.48	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	155059	22.61	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17484	19.96	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	103922	20.82	ug/l	97
94) Hexachlorobutadiene	13.79	225	43720	18.75	ug/l	96
95) Naphthalene	13.83	128	315665	22.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111261	21.06	ug/l	98

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

