

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
 Data File : VX004241.D
 Acq On : 24 Aug 2018 12:43
 Operator : JC/MD
 Sample : VX0824WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 11:42:41 AM

Quant Time: Aug 25 00:44:24 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	346349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	208857	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	5.50	113	179311	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	685551	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.14	95	242131	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	81322	20.271	ug/l 97
3) Chloromethane	1.32	50	78362	17.861	ug/l 99
4) Vinyl Chloride	1.40	62	86253	19.007	ug/l 99
5) Bromomethane	1.64	94	44749	18.737	ug/l 100
6) Chloroethane	1.72	64	56144	16.792	ug/l 99
7) Trichlorofluoromethane	1.93	101	118449	19.047	ug/l 95
8) Diethyl Ether	2.18	74	49266	18.501	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74863	19.220	ug/l 99
10) Methyl Iodide	2.51	142	60277	16.809	ug/l 99
11) Tert butyl alcohol	3.06	59	85512	88.865	ug/l 100
12) 1,1-Dichloroethene	2.37	96	69001	18.806	ug/l 97
13) Acrolein	2.29	56	43346	186.845	ug/l 98
14) Allyl chloride	2.73	41	122879	18.228	ug/l 99
15) Acrylonitrile	3.14	53	204570	85.843	ug/l 99
16) Acetone	2.44	43	177857	91.394	ug/l 100
17) Carbon Disulfide	2.57	76	182441	18.416	ug/l 99
18) Methyl Acetate	2.78	43	126945	18.950	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	228905	18.931	ug/l 97
20) Methylene Chloride	2.85	84	78891	18.155	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	74072	18.239	ug/l 95
22) Diisopropyl ether	3.87	45	224672	17.850	ug/l 96
23) Vinyl Acetate	3.82	43	899967	88.219	ug/l 99
24) 1,1-Dichloroethane	3.69	63	136811	18.651	ug/l 99
25) 2-Butanone	4.70	43	266657	86.292	ug/l 98
26) 2,2-Dichloropropane	4.58	77	107468	18.679	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	84092	18.256	ug/l 99
28) Bromochloromethane	5.01	49	61017	18.789	ug/l 100
29) Tetrahydrofuran	5.15	42	166264	85.724	ug/l 97
30) Chloroform	5.21	83	135400	18.411	ug/l 96
31) Cyclohexane	5.57	56	118724	18.759	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	114170	18.617	ug/l 99
36) 1,1-Dichloropropene	5.80	75	104078	18.916	ug/l 99
37) Ethyl Acetate	4.85	43	98801	18.259	ug/l 99
38) Carbon Tetrachloride	5.77	117	97877	18.911	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120323	19.154	ug/l	98
40) Benzene	6.14	78	312264	18.994	ug/l	100
41) Methacrylonitrile	5.06	41	56970	18.164	ug/l	99
42) 1,2-Dichloroethane	6.20	62	103476	18.452	ug/l	100
43) Isopropyl Acetate	6.46	43	150368	18.085	ug/l	99
44) Trichloroethene	7.21	130	85459	18.779	ug/l	97
45) 1,2-Dichloropropane	7.51	63	78418	19.058	ug/l	99
46) Dibromomethane	7.66	93	51174	18.679	ug/l	99
47) Bromodichloromethane	7.90	83	95050	18.645	ug/l	99
48) Methyl methacrylate	7.77	41	80233	18.034	ug/l	98
49) 1,4-Dioxane	7.75	88	37507	371.310	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	517300	85.628	ug/l	99
52) Toluene	8.79	92	199750	19.410	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	105683	18.769	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	118815	19.372	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	78890	18.990	ug/l	99
56) Ethyl methacrylate	9.18	69	108326	19.155	ug/l	98
57) 1,3-Dichloropropane	9.37	76	133671	19.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	297013	102.500	ug/l	100
59) 2-Hexanone	9.49	43	395234	85.754	ug/l	100
60) Dibromochloromethane	9.59	129	75773	18.721	ug/l	100
61) 1,2-Dibromoethane	9.67	107	81403	18.935	ug/l	99
64) Tetrachloroethene	9.34	164	83260	18.440	ug/l	99
65) Chlorobenzene	10.14	112	217791	18.986	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	70527	17.825	ug/l	98
67) Ethyl Benzene	10.25	91	352913	18.943	ug/l	98
68) m/p-Xylenes	10.36	106	273643	37.565	ug/l	98
69) o-Xylene	10.70	106	123859	17.975	ug/l	96
70) Styrene	10.71	104	210926	18.905	ug/l	99
71) Bromoform	10.86	173	54136	16.974	ug/l #	100
73) Isopropylbenzene	11.02	105	361556	23.055	ug/l	100
74) N-amyl acetate	10.90	43	123738	20.492	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	114112	20.793	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	102041m	21.012	ug/l	
77) Bromobenzene	11.26	156	94427	21.465	ug/l	99
78) n-propylbenzene	11.36	91	402589	22.320	ug/l	99
79) 2-Chlorotoluene	11.42	91	248760	22.407	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	287383	22.128	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	29627	19.794	ug/l	96
82) 4-Chlorotoluene	11.51	91	277244	21.222	ug/l	97
83) tert-Butylbenzene	11.77	119	279700	21.405	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	288897	21.671	ug/l	100
85) sec-Butylbenzene	11.94	105	320847	20.682	ug/l	100
86) p-Isopropyltoluene	12.07	119	289991	20.858	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	160791	19.413	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	162886	18.652	ug/l	98
89) n-Butylbenzene	12.39	91	244250	21.605	ug/l	99
90) Hexachloroethane	12.60	117	42426	21.833	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	158803	20.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20144	20.839	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	114968	20.873	ug/l	100
94) Hexachlorobutadiene	13.79	225	59063	22.976	ug/l	97
95) Naphthalene	13.83	128	363720	23.348	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	131661	22.581	ug/l	97

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

