

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011599.D
 Acq On : 16 Aug 2019 23:27
 Operator : JC/SP
 Sample : VX0816WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:17 AM

Quant Time: Aug 19 03:52:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	367247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	516514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	460884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	247424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	157438	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	5.49	113	149979	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	8.71	98	483980	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
62) 4-Bromofluorobenzene	11.13	95	197492	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	74796	20.720	ug/l 97
3) Chloromethane	1.32	50	65347	17.429	ug/l 99
4) Vinyl Chloride	1.40	62	65319	19.286	ug/l 98
5) Bromomethane	1.64	94	34040	22.431	ug/l 99
6) Chloroethane	1.72	64	33784	21.076	ug/l 99
7) Trichlorofluoromethane	1.92	101	93606	19.954	ug/l 98
8) Diethyl Ether	2.18	74	33514	20.826	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59303	18.302	ug/l 98
10) Methyl Iodide	2.50	142	81746	17.710	ug/l 99
11) Tert butyl alcohol	3.04	59	84850	101.553	ug/l 97
12) 1,1-Dichloroethene	2.37	96	59531	19.011	ug/l 97
13) Acrolein	2.29	56	22337	94.834	ug/l 97
14) Allyl chloride	2.72	41	100319	19.259	ug/l 98
15) Acrylonitrile	3.14	53	192329	100.577	ug/l 100
16) Acetone	2.43	43	168524	98.410	ug/l 98
17) Carbon Disulfide	2.56	76	137211	18.596	ug/l 99
18) Methyl Acetate	2.76	43	108551	20.439	ug/l 96
19) Methyl tert-butyl Ether	3.19	73	207428	20.339	ug/l 99
20) Methylene Chloride	2.85	84	69456	19.317	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	64625	19.475	ug/l 98
22) Diisopropyl ether	3.85	45	209885	20.232	ug/l 97
23) Vinyl Acetate	3.81	43	825273	100.464	ug/l 99
24) 1,1-Dichloroethane	3.69	63	113653	19.378	ug/l 99
25) 2-Butanone	4.67	43	269804	100.358	ug/l 97
26) 2,2-Dichloropropane	4.57	77	69437	15.730	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	76350	19.737	ug/l 98
28) Bromochloromethane	5.01	49	49384	19.180	ug/l 98
29) Tetrahydrofuran	5.12	42	177161	100.458	ug/l 99
30) Chloroform	5.20	83	121958	19.703	ug/l 98
31) Cyclohexane	5.57	56	99169	19.638	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	104215	19.581	ug/l 97
36) 1,1-Dichloropropene	5.79	75	84054	19.033	ug/l 97
37) Ethyl Acetate	4.82	43	101689	20.020	ug/l 98
38) Carbon Tetrachloride	5.78	117	93520	19.221	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98678	18.094	ug/l	97
40) Benzene	6.14	78	264385	19.265	ug/l	100
41) Methacrylonitrile	5.03	41	58165	20.806	ug/l	97
42) 1,2-Dichloroethane	6.19	62	94875	19.954	ug/l	99
43) Isopropyl Acetate	6.44	43	153395	19.351	ug/l	99
44) Trichloroethene	7.21	130	78825	19.362	ug/l	94
45) 1,2-Dichloropropane	7.51	63	67121	19.612	ug/l	96
46) Dibromomethane	7.66	93	46524	18.706	ug/l	99
47) Bromodichloromethane	7.89	83	86600	18.964	ug/l	99
48) Methyl methacrylate	7.77	41	76880	19.585	ug/l	98
49) 1,4-Dioxane	7.73	88	39747	380.679	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	522221	100.649	ug/l	100
52) Toluene	8.78	92	171492	19.615	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86464	18.243	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	98616	19.013	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	71905	19.340	ug/l	99
56) Ethyl methacrylate	9.18	69	107662	19.923	ug/l	99
57) 1,3-Dichloropropane	9.37	76	115782	19.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	271941	100.997	ug/l	99
59) 2-Hexanone	9.49	43	399810	99.923	ug/l	99
60) Dibromochloromethane	9.58	129	75675	19.535	ug/l	99
61) 1,2-Dibromoethane	9.67	107	76537	19.288	ug/l	100
64) Tetrachloroethene	9.34	164	75014	19.837	ug/l	99
65) Chlorobenzene	10.13	112	191131	19.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	73062	19.885	ug/l	100
67) Ethyl Benzene	10.25	91	326078	19.876	ug/l	100
68) m/p-Xylenes	10.35	106	250828	39.831	ug/l	97
69) o-Xylene	10.69	106	123102	19.957	ug/l	99
70) Styrene	10.71	104	206900	19.924	ug/l	99
71) Bromoform	10.85	173	58726	18.656	ug/l #	99
73) Isopropylbenzene	11.02	105	326254	20.321	ug/l	100
74) N-amyl acetate	10.90	43	131867	19.327	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	109116	19.757	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	95176m	20.286	ug/l	
77) Bromobenzene	11.25	156	94970	19.882	ug/l	100
78) n-propylbenzene	11.36	91	349165	20.169	ug/l	100
79) 2-Chlorotoluene	11.42	91	214268	20.156	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	276038	20.467	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26038	18.171	ug/l	91
82) 4-Chlorotoluene	11.51	91	248454	20.145	ug/l	99
83) tert-Butylbenzene	11.77	119	278652	20.286	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	283235	20.919	ug/l	100
85) sec-Butylbenzene	11.94	105	311232	20.083	ug/l	99
86) p-Isopropyltoluene	12.06	119	296931	20.366	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	162163	19.751	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	162153	19.486	ug/l	99
89) n-Butylbenzene	12.38	91	227868	19.011	ug/l	99
90) Hexachloroethane	12.59	117	44827	19.470	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	162958	19.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24266	19.205	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	118908	19.363	ug/l	99
94) Hexachlorobutadiene	13.78	225	61550	18.407	ug/l	99
95) Naphthalene	13.83	128	362373	20.873	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124260	20.062	ug/l	100

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

