

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009013.D
 Acq On : 17 Apr 2019 14:37
 Operator : JC/SP
 Sample : VX0417WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 10:16:08 AM

Quant Time: Apr 18 02:15:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154083	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	5.50	113	111544	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	450670	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	157484	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	50596	20.430	ug/l 100
3) Chloromethane	1.32	50	62718	20.629	ug/l 100
4) Vinyl Chloride	1.40	62	60234	20.355	ug/l 99
5) Bromomethane	1.64	94	34181	20.874	ug/l 99
6) Chloroethane	1.72	64	35532	20.420	ug/l 98
7) Trichlorofluoromethane	1.93	101	68167	19.730	ug/l 99
8) Diethyl Ether	2.19	74	31672	20.045	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42708	19.333	ug/l 99
10) Methyl Iodide	2.51	142	45461	21.575	ug/l 99
11) Tert butyl alcohol	3.05	59	72165	107.292	ug/l 99
12) 1,1-Dichloroethene	2.37	96	44881	19.465	ug/l 98
13) Acrolein	2.29	56	47525	81.777	ug/l 99
14) Allyl chloride	2.73	41	102951	20.466	ug/l 98
15) Acrylonitrile	3.14	53	178608	104.609	ug/l 99
16) Acetone	2.45	43	159282	101.367	ug/l 99
17) Carbon Disulfide	2.57	76	127357	19.578	ug/l 99
18) Methyl Acetate	2.78	43	80700	20.578	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	169755	20.662	ug/l 99
20) Methylene Chloride	2.85	84	53225	19.807	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	48472	19.709	ug/l 94
22) Diisopropyl ether	3.85	45	205348	21.007	ug/l 99
23) Vinyl Acetate	3.81	43	913168	106.274	ug/l 99
24) 1,1-Dichloroethane	3.70	63	99444	20.266	ug/l 99
25) 2-Butanone	4.67	43	266924	106.273	ug/l 99
26) 2,2-Dichloropropane	4.59	77	66887	18.185	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	56117	20.097	ug/l 99
28) Bromochloromethane	5.02	49	48661	22.827	ug/l # 21
29) Tetrahydrofuran	5.13	42	177544	105.611	ug/l 99
30) Chloroform	5.21	83	90460	20.602	ug/l 99
31) Cyclohexane	5.58	56	95746	19.839	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	73514	20.200	ug/l 100
36) 1,1-Dichloropropene	5.80	75	69669	18.894	ug/l 99
37) Ethyl Acetate	4.84	43	100379	21.156	ug/l 100
38) Carbon Tetrachloride	5.78	117	60640	19.399	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83602	18.622	ug/l	99
40) Benzene	6.14	78	215327	19.795	ug/l	99
41) Methacrylonitrile	5.04	41	55921	20.536	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76308	19.803	ug/l	99
43) Isopropyl Acetate	6.45	43	155329	20.315	ug/l	100
44) Trichloroethene	7.21	130	50560	18.970	ug/l	99
45) 1,2-Dichloropropane	7.51	63	61371	20.337	ug/l	100
46) Dibromomethane	7.66	93	34299	19.529	ug/l	100
47) Bromodichloromethane	7.90	83	66860	19.410	ug/l	99
48) Methyl methacrylate	7.77	41	78744	20.843	ug/l	99
49) 1,4-Dioxane	7.74	88	28736	406.377	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	516124	105.955	ug/l	99
52) Toluene	8.78	92	129589	19.878	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	76195	19.220	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	84319	18.995	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51526	19.942	ug/l	99
56) Ethyl methacrylate	9.18	69	94419	20.380	ug/l	98
57) 1,3-Dichloropropane	9.37	76	91935	19.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	288251	115.539	ug/l	99
59) 2-Hexanone	9.49	43	394560	105.060	ug/l	99
60) Dibromochloromethane	9.58	129	49502	19.990	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52623	19.734	ug/l	98
64) Tetrachloroethene	9.34	164	47443	19.931	ug/l	96
65) Chlorobenzene	10.14	112	129532	19.586	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46194	19.827	ug/l	99
67) Ethyl Benzene	10.25	91	241458	19.972	ug/l	99
68) m/p-Xylenes	10.36	106	172748	39.317	ug/l	99
69) o-Xylene	10.70	106	84666	19.804	ug/l	98
70) Styrene	10.71	104	147024	19.845	ug/l	100
71) Bromoform	10.85	173	35915	19.349	ug/l #	99
73) Isopropylbenzene	11.02	105	225637	20.789	ug/l	100
74) N-amyl acetate	10.90	43	131745	21.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84287	21.254	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	83080m	23.761	ug/l	
77) Bromobenzene	11.26	156	54019	19.726	ug/l	97
78) n-propylbenzene	11.36	91	257041	20.633	ug/l	99
79) 2-Chlorotoluene	11.42	91	153222	20.410	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	187622	20.599	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26576	19.513	ug/l	94
82) 4-Chlorotoluene	11.51	91	175411	20.119	ug/l	100
83) tert-Butylbenzene	11.77	119	179248	20.498	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	189791	20.471	ug/l	100
85) sec-Butylbenzene	11.94	105	215604	20.673	ug/l	100
86) p-Isopropyltoluene	12.06	119	193532	20.184	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93478	19.503	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	92790	19.098	ug/l	98
89) n-Butylbenzene	12.38	91	173213	19.397	ug/l	99
90) Hexachloroethane	12.60	117	31848	20.136	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	95158	20.105	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18288	20.254	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	63997	18.731	ug/l	99
94) Hexachlorobutadiene	13.78	225	33127	19.441	ug/l	99
95) Naphthalene	13.83	128	215182	19.658	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65379	19.394	ug/l	99

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

