

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009667.D
 Acq On : 17 May 2019 17:21
 Operator : JC/SP
 Sample : VX0517WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS03

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 11:12:10 AM

Quant Time: May 18 05:41:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118022	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.50	113	86811	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.71	98	345078	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.13	95	128809	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24982	15.596	ug/l	100
3) Chloromethane	1.32	50	39376	18.005	ug/l	97
4) Vinyl Chloride	1.41	62	38205	17.915	ug/l	99
5) Bromomethane	1.64	94	24337	19.014	ug/l	98
6) Chloroethane	1.71	64	25550	18.661	ug/l	98
7) Trichlorofluoromethane	1.92	101	49337	19.033	ug/l	99
8) Diethyl Ether	2.19	74	23427	19.079	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29850	18.337	ug/l	98
10) Methyl Iodide	2.51	142	33468	20.663	ug/l	98
11) Tert butyl alcohol	3.05	59	57485	104.656	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29458	18.061	ug/l	95
13) Acrolein	2.29	56	47227	94.940	ug/l	98
14) Allyl chloride	2.73	41	72948	18.353	ug/l	98
15) Acrylonitrile	3.14	53	137861	102.650	ug/l	100
16) Acetone	2.45	43	137745	108.106	ug/l	97
17) Carbon Disulfide	2.57	76	74480	16.265	ug/l	100
18) Methyl Acetate	2.78	43	60976	20.123	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	123163	19.446	ug/l	97
20) Methylene Chloride	2.85	84	37844	18.344	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32189	18.198	ug/l	99
22) Diisopropyl ether	3.86	45	149542	19.564	ug/l	95
23) Vinyl Acetate	3.82	43	661806	101.108	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70960	18.818	ug/l	99
25) 2-Butanone	4.68	43	211880	107.009	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53951	19.222	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	39254	18.593	ug/l	99
28) Bromochloromethane	5.02	49	36448	22.504	ug/l	97
29) Tetrahydrofuran	5.13	42	135910	106.668	ug/l	98
30) Chloroform	5.21	83	66975	19.638	ug/l	97
31) Cyclohexane	5.57	56	64316	18.333	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	54235	19.103	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47138	18.194	ug/l	99
37) Ethyl Acetate	4.84	43	74878	20.743	ug/l	99
38) Carbon Tetrachloride	5.79	117	43935	18.664	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58072	18.251	ug/l	97
40) Benzene	6.14	78	150410	18.759	ug/l	98
41) Methacrylonitrile	5.04	41	42928	19.978	ug/l	98
42) 1,2-Dichloroethane	6.20	62	56818	19.754	ug/l	100
43) Isopropyl Acetate	6.45	43	117730	20.389	ug/l	100
44) Trichloroethene	7.21	130	34864	17.986	ug/l	94
45) 1,2-Dichloropropane	7.51	63	44204	19.470	ug/l	99
46) Dibromomethane	7.66	93	24838	18.839	ug/l	98
47) Bromodichloromethane	7.90	83	50740	19.293	ug/l	96
48) Methyl methacrylate	7.77	41	59306	20.703	ug/l	97
49) 1,4-Dioxane	7.74	88	22552	388.193	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	404118	107.078	ug/l	99
52) Toluene	8.79	92	93239	19.130	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	56932	19.174	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	63101	19.200	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38777	19.501	ug/l	95
56) Ethyl methacrylate	9.18	69	70382	19.829	ug/l	97
57) 1,3-Dichloropropane	9.37	76	68245	19.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	155909	82.798	ug/l	99
59) 2-Hexanone	9.49	43	317082	106.974	ug/l	98
60) Dibromochloromethane	9.58	129	37392	19.253	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38920	19.390	ug/l	99
64) Tetrachloroethene	9.34	164	33107	19.204	ug/l	95
65) Chlorobenzene	10.14	112	97045	19.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35648	19.558	ug/l	99
67) Ethyl Benzene	10.25	91	179231	19.371	ug/l	99
68) m/p-Xylenes	10.36	106	131193	38.801	ug/l	98
69) o-Xylene	10.69	106	64832	19.434	ug/l	99
70) Styrene	10.71	104	113098	19.505	ug/l	99
71) Bromoform	10.85	173	28045	18.934	ug/l #	98
73) Isopropylbenzene	11.02	105	173415	19.184	ug/l	100
74) N-amyl acetate	10.90	43	104992	19.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66830	19.832	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57665m	19.998	ug/l	
77) Bromobenzene	11.26	156	42840	19.094	ug/l	99
78) n-propylbenzene	11.36	91	198240	19.203	ug/l	99
79) 2-Chlorotoluene	11.42	91	121465	19.071	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	146592	19.260	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20882	18.529	ug/l	92
82) 4-Chlorotoluene	11.51	91	136081	18.912	ug/l	100
83) tert-Butylbenzene	11.77	119	141017	19.045	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	147770	19.342	ug/l	100
85) sec-Butylbenzene	11.94	105	169192	19.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	152821	19.365	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76166	19.043	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75387	18.695	ug/l	98
89) n-Butylbenzene	12.38	91	137214	19.237	ug/l	99
90) Hexachloroethane	12.60	117	24499	18.222	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	77957	19.136	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14748	19.509	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54812	19.675	ug/l	98
94) Hexachlorobutadiene	13.78	225	27749	19.505	ug/l	97
95) Naphthalene	13.83	128	175178	19.328	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55104	19.513	ug/l	99

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

