

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008261.D
 Acq On : 20 Mar 2019 23:57
 Operator : JC/SP
 Sample : VX0320WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 5:34:17 PM

Quant Time: Mar 22 07:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	403231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	205437	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	5.50	113	153855	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.71	98	590025	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	205423	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72134	22.006	ug/l	97
3) Chloromethane	1.33	50	83145	20.215	ug/l	99
4) Vinyl Chloride	1.41	62	86254	21.033	ug/l	100
5) Bromomethane	1.64	94	60722	17.383	ug/l	100
6) Chloroethane	1.73	64	53251	20.710	ug/l	99
7) Trichlorofluoromethane	1.93	101	105881	20.231	ug/l	91
8) Diethyl Ether	2.19	74	61285	22.760	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72585	20.889	ug/l	93
10) Methyl Iodide	2.51	142	98985	22.373	ug/l	96
11) Tert butyl alcohol	3.04	59	100005	114.725	ug/l	98
12) 1,1-Dichloroethene	2.38	96	73408	22.377	ug/l	96
13) Acrolein	2.29	56	42712	61.719	ug/l	99
14) Allyl chloride	2.73	41	154763	21.672	ug/l	93
15) Acrylonitrile	3.14	53	261640	113.478	ug/l	98
16) Acetone	2.45	43	231175	100.100	ug/l	96
17) Carbon Disulfide	2.57	76	221046	21.040	ug/l	99
18) Methyl Acetate	2.78	43	128914	24.112	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	268988	22.678	ug/l	99
20) Methylene Chloride	2.86	84	83494	21.681	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	77572	21.889	ug/l	95
22) Diisopropyl ether	3.86	45	315966	22.591	ug/l	90
23) Vinyl Acetate	3.82	43	1350511	112.628	ug/l	97
24) 1,1-Dichloroethane	3.70	63	160641	22.332	ug/l	99
25) 2-Butanone	4.67	43	376226	110.361	ug/l	98
26) 2,2-Dichloropropane	4.59	77	92853	17.135	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	89098	22.054	ug/l	94
28) Bromochloromethane	5.02	49	61052	18.901	ug/l	84
29) Tetrahydrofuran	5.13	42	247235	116.012	ug/l	98
30) Chloroform	5.21	83	150476	22.363	ug/l	99
31) Cyclohexane	5.59	56	150581	22.293	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	124603	22.261	ug/l	96
36) 1,1-Dichloropropene	5.81	75	112544	21.129	ug/l	97
37) Ethyl Acetate	4.84	43	144369	22.929	ug/l	99
38) Carbon Tetrachloride	5.79	117	103673	21.845	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	127459	19.885	ug/l	93
40) Benzene	6.15	78	346547	21.982	ug/l	100
41) Methacrylonitrile	5.04	41	80067	22.670	ug/l	96
42) 1,2-Dichloroethane	6.20	62	127233	22.031	ug/l	96
43) Isopropyl Acetate	6.45	43	224403	22.235	ug/l	98
44) Trichloroethene	7.21	130	83475	21.655	ug/l	92
45) 1,2-Dichloropropane	7.51	63	96323	21.826	ug/l	97
46) Dibromomethane	7.66	93	57676	21.585	ug/l	88
47) Bromodichloromethane	7.90	83	110939	21.785	ug/l	99
48) Methyl methacrylate	7.77	41	117333	21.865	ug/l	94
49) 1,4-Dioxane	7.74	88	41974	443.249	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	751488	115.177	ug/l	98
52) Toluene	8.78	92	204174	21.830	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	117482	19.320	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	132476	20.962	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	85518	22.631	ug/l	99
56) Ethyl methacrylate	9.18	69	136440	20.894	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	150537	22.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	301460	97.367	ug/l	94
59) 2-Hexanone	9.49	43	568556	113.187	ug/l	96
60) Dibromochloromethane	9.58	129	81265	22.377	ug/l	100
61) 1,2-Dibromoethane	9.67	107	86538	21.932	ug/l	99
64) Tetrachloroethene	9.34	164	81478	22.397	ug/l	95
65) Chlorobenzene	10.13	112	213784	21.547	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	76781	22.195	ug/l	100
67) Ethyl Benzene	10.25	91	378725	21.661	ug/l	98
68) m/p-Xylenes	10.36	106	278907	43.425	ug/l	94
69) o-Xylene	10.69	106	136829	21.924	ug/l	95
70) Styrene	10.71	104	224030	22.088	ug/l	97
71) Bromoform	10.85	173	57510	20.647	ug/l #	98
73) Isopropylbenzene	11.02	105	364228	22.227	ug/l	98
74) N-amyl acetate	10.90	43	189991	22.130	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	129491	22.038	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	116333m	22.499	ug/l	
77) Bromobenzene	11.26	156	88208	22.264	ug/l	86
78) n-propylbenzene	11.36	91	418935	22.012	ug/l	95
79) 2-Chlorotoluene	11.42	91	253146	22.161	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	300948	22.230	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	35717	18.541	ug/l	89
82) 4-Chlorotoluene	11.51	91	288214	21.682	ug/l	95
83) tert-Butylbenzene	11.77	119	281826	21.805	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	306051	22.300	ug/l	97
85) sec-Butylbenzene	11.94	105	350973	21.928	ug/l	97
86) p-Isopropyltoluene	12.06	119	302959	21.867	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	154815	21.865	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	153798	20.999	ug/l	97
89) n-Butylbenzene	12.38	91	266257	20.475	ug/l	97
90) Hexachloroethane	12.60	117	50645	21.463	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	156343	21.899	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27959	21.423	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99394	21.136	ug/l	98
94) Hexachlorobutadiene	13.78	225	48578	21.181	ug/l	98
95) Naphthalene	13.83	128	332480	22.401	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	102093	22.064	ug/l	99

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

