

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013552.D
 Acq On : 22 Nov 2019 23:20
 Operator : JC/SP
 Sample : VX1122WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD03

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:39:53 AM

Quant Time: Nov 23 01:04:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	591487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	907793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	822275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	414970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	341625	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.48	113	274152	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.71	98	1027192	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.14	95	368260	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	112505	16.508	ug/l	100
3) Chloromethane	1.31	50	136649	18.490	ug/l	98
4) Vinyl Chloride	1.40	62	162773	19.346	ug/l	97
5) Bromomethane	1.63	94	103128	17.588	ug/l	95
6) Chloroethane	1.72	64	93722	18.741	ug/l	98
7) Trichlorofluoromethane	1.92	101	174940	17.599	ug/l	99
8) Diethyl Ether	2.18	74	90426	20.571	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109903	19.836	ug/l	95
10) Methyl Iodide	2.50	142	128668	18.757	ug/l	96
11) Tert butyl alcohol	3.03	59	183338	99.266	ug/l	98
12) 1,1-Dichloroethene	2.36	96	112316	20.701	ug/l	98
13) Acrolein	2.28	56	89943	89.854	ug/l	97
14) Allyl chloride	2.72	41	203722	20.665	ug/l	96
15) Acrylonitrile	3.13	53	400431	116.067	ug/l	98
16) Acetone	2.43	43	378266	108.225	ug/l	97
17) Carbon Disulfide	2.56	76	245994	16.939	ug/l	99
18) Methyl Acetate	2.76	43	244768	25.366	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	421512	23.293	ug/l	99
20) Methylene Chloride	2.85	84	135188	20.934	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	118736	20.099	ug/l	98
22) Diisopropyl ether	3.84	45	435291	22.871	ug/l	92
23) Vinyl Acetate	3.80	43	851270	52.271	ug/l	99
24) 1,1-Dichloroethane	3.69	63	235792	22.147	ug/l	100
25) 2-Butanone	4.65	43	575022	112.145	ug/l	99
26) 2,2-Dichloropropane	4.58	77	151859	17.930	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	146548	22.145	ug/l	98
28) Bromochloromethane	5.00	49	70699	23.387	ug/l	98
29) Tetrahydrofuran	5.12	42	358411	113.430	ug/l	99
30) Chloroform	5.20	83	230729	21.947	ug/l	100
31) Cyclohexane	5.57	56	176939	18.469	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	188556	20.841	ug/l	100
36) 1,1-Dichloropropene	5.79	75	157978	20.285	ug/l	99
37) Ethyl Acetate	4.82	43	204705	21.272	ug/l	100
38) Carbon Tetrachloride	5.78	117	154085	20.233	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172865	17.814	ug/l	97
40) Benzene	6.14	78	516540	21.293	ug/l	98
41) Methacrylonitrile	5.03	41	120098	22.266	ug/l	97
42) 1,2-Dichloroethane	6.19	62	187376	21.414	ug/l	98
43) Isopropyl Acetate	6.44	43	334128	22.298	ug/l	100
44) Trichloroethene	7.21	130	154241	23.098	ug/l	97
45) 1,2-Dichloropropane	7.51	63	139120	22.508	ug/l	98
46) Dibromomethane	7.65	93	90804	21.516	ug/l	97
47) Bromodichloromethane	7.89	83	179519	22.558	ug/l	95
48) Methyl methacrylate	7.76	41	161973	21.654	ug/l	96
49) 1,4-Dioxane	7.73	88	65021	379.570	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1108020	112.703	ug/l	99
52) Toluene	8.78	92	323684	21.528	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	183719	21.112	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	207591	21.326	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	141770	22.749	ug/l	99
56) Ethyl methacrylate	9.17	69	223724	21.934	ug/l	97
57) 1,3-Dichloropropane	9.37	76	236558	22.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	441112	103.520	ug/l	100
59) 2-Hexanone	9.48	43	864824	113.831	ug/l	99
60) Dibromochloromethane	9.57	129	141498	22.201	ug/l	99
61) 1,2-Dibromoethane	9.67	107	145500	21.987	ug/l	98
64) Tetrachloroethene	9.33	164	203263	34.531	ug/l	94
65) Chlorobenzene	10.14	112	359274	21.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	133182	21.789	ug/l	99
67) Ethyl Benzene	10.25	91	598118	20.818	ug/l	99
68) m/p-Xylenes	10.36	106	454285	41.808	ug/l	99
69) o-Xylene	10.70	106	230897	21.705	ug/l	97
70) Styrene	10.71	104	387036	21.764	ug/l	98
71) Bromoform	10.85	173	110473	21.447	ug/l #	96
73) Isopropylbenzene	11.01	105	594134	21.595	ug/l	100
74) N-amyl acetate	10.89	43	285946	22.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	196738	19.601	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	178247m	21.148	ug/l	
77) Bromobenzene	11.25	156	161525	22.022	ug/l	98
78) n-propylbenzene	11.35	91	653447	21.321	ug/l	99
79) 2-Chlorotoluene	11.42	91	404751	21.919	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	492020	21.470	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62951	19.224	ug/l	99
82) 4-Chlorotoluene	11.51	91	460950	21.325	ug/l	100
83) tert-Butylbenzene	11.76	119	419731	18.194	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	500797	21.784	ug/l	99
85) sec-Butylbenzene	11.94	105	559439	21.100	ug/l	99
86) p-Isopropyltoluene	12.06	119	516330	21.149	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	279013	21.341	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	280491	21.057	ug/l	99
89) n-Butylbenzene	12.39	91	424951	19.948	ug/l	99
90) Hexachloroethane	12.59	117	86831	19.962	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	287933	22.032	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47778	19.538	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	191039	20.956	ug/l	100
94) Hexachlorobutadiene	13.78	225	87909	19.711	ug/l	99
95) Naphthalene	13.83	128	628664	21.980	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	198425	21.704	ug/l	100

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

