

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014918.D
 Acq On : 12 Feb 2020 12:13
 Operator : JC/SP
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 11:15:53 AM

Quant Time: Feb 13 03:48:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	461777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	679660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	629525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	249908	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.48	113	202884	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	8.71	98	785099	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	277084	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	88996	20.351	ug/l	98
3) Chloromethane	1.32	50	96006	19.364	ug/l	99
4) Vinyl Chloride	1.40	62	101560	19.015	ug/l	99
5) Bromomethane	1.64	94	66220	19.154	ug/l	99
6) Chloroethane	1.72	64	66525	19.466	ug/l	98
7) Trichlorofluoromethane	1.92	101	142067	19.038	ug/l	97
8) Diethyl Ether	2.18	74	60298	19.486	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84420	19.490	ug/l	96
10) Methyl Iodide	2.50	142	84634	20.364	ug/l	99
11) Tert butyl alcohol	3.02	59	90603	98.464	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80745	19.077	ug/l	94
13) Acrolein	2.28	56	54429	77.610	ug/l	99
14) Allyl chloride	2.72	41	137486	18.321	ug/l	99
15) Acrylonitrile	3.12	53	220042	94.330	ug/l	99
16) Acetone	2.43	43	262104	86.478	ug/l	98
17) Carbon Disulfide	2.56	76	213770	18.076	ug/l	99
18) Methyl Acetate	2.76	43	100577	19.162	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	266082	19.316	ug/l	97
20) Methylene Chloride	2.84	84	90160	17.984	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	86437	18.507	ug/l	97
22) Diisopropyl ether	3.84	45	277119	19.335	ug/l	99
23) Vinyl Acetate	3.80	43	1168854	98.929	ug/l	99
24) 1,1-Dichloroethane	3.69	63	151127	18.683	ug/l	100
25) 2-Butanone	4.65	43	332812	93.803	ug/l	100
26) 2,2-Dichloropropane	4.57	77	126863	18.198	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	98498	18.867	ug/l	99
28) Bromochloromethane	5.00	49	68028	21.697	ug/l	96
29) Tetrahydrofuran	5.11	42	192626	95.505	ug/l	99
30) Chloroform	5.20	83	154741	19.281	ug/l	98
31) Cyclohexane	5.56	56	137032	18.599	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	133673	19.041	ug/l	99
36) 1,1-Dichloropropene	5.79	75	118007	19.410	ug/l	99
37) Ethyl Acetate	4.81	43	121423	19.149	ug/l	99
38) Carbon Tetrachloride	5.77	117	112461	18.981	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	143419	18.862	ug/l	96
40) Benzene	6.13	78	345535	19.022	ug/l	99
41) Methacrylonitrile	5.03	41	66028	19.329	ug/l	97
42) 1,2-Dichloroethane	6.18	62	122615	18.676	ug/l	98
43) Isopropyl Acetate	6.43	43	199873	19.108	ug/l	99
44) Trichloroethene	7.20	130	98821	18.740	ug/l	97
45) 1,2-Dichloropropane	7.50	63	90667	19.571	ug/l	97
46) Dibromomethane	7.65	93	58613	18.509	ug/l	98
47) Bromodichloromethane	7.89	83	116785	18.600	ug/l	98
48) Methyl methacrylate	7.76	41	98308	19.097	ug/l	99
49) 1,4-Dioxane	7.73	88	41651	432.736	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	610475	96.651	ug/l	100
52) Toluene	8.78	92	221025	19.157	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	129280	18.787	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	142853	18.792	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	88312	18.919	ug/l	98
56) Ethyl methacrylate	9.17	69	134218	19.130	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148229	18.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	341948	93.191	ug/l	100
59) 2-Hexanone	9.48	43	484359	97.561	ug/l	100
60) Dibromochloromethane	9.57	129	95581	19.027	ug/l	98
61) 1,2-Dibromoethane	9.67	107	95359	18.934	ug/l	99
64) Tetrachloroethene	9.33	164	103748	17.627	ug/l	98
65) Chlorobenzene	10.13	112	241247	18.894	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89495	19.306	ug/l	99
67) Ethyl Benzene	10.25	91	416964	19.202	ug/l	98
68) m/p-Xylenes	10.36	106	321520	38.435	ug/l	99
69) o-Xylene	10.69	106	152888	19.013	ug/l	99
70) Styrene	10.71	104	258100	18.972	ug/l	100
71) Bromoform	10.85	173	70062	18.107	ug/l	99
73) Isopropylbenzene	11.01	105	416554	20.407	ug/l	99
74) N-amyl acetate	10.89	43	168566	19.874	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	130035	19.488	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	112219m	19.065	ug/l	
77) Bromobenzene	11.25	156	110718	19.433	ug/l	97
78) n-propylbenzene	11.35	91	470003	19.908	ug/l	100
79) 2-Chlorotoluene	11.42	91	274177	19.754	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	344195	20.180	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40684	17.692	ug/l	93
82) 4-Chlorotoluene	11.51	91	320032	19.471	ug/l	99
83) tert-Butylbenzene	11.76	119	330361	20.454	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	347932	20.242	ug/l	100
85) sec-Butylbenzene	11.94	105	403143	20.092	ug/l	99
86) p-Isopropyltoluene	12.06	119	369749	19.693	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193042	18.887	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	196587	18.834	ug/l	100
89) n-Butylbenzene	12.39	91	318822	18.960	ug/l	99
90) Hexachloroethane	12.59	117	63385	19.331	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191096	19.065	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28030	17.905	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	133798	18.085	ug/l	100
94) Hexachlorobutadiene	13.78	225	69527	19.429	ug/l	99
95) Naphthalene	13.83	128	386551	19.651	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135771	18.995	ug/l	99

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

