

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013191.D
 Acq On : 23 Oct 2019 16:26
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:33:03 PM

Quant Time: Oct 24 04:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	90683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	129769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	132493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	89722	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	5.48	113	72609	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.71	98	268945	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	106397	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	87815	47.992	ug/l	99
3) Chloromethane	1.32	50	79221	52.523	ug/l	96
4) Vinyl Chloride	1.40	62	78209	47.494	ug/l	99
5) Bromomethane	1.63	94	44483	50.965	ug/l	99
6) Chloroethane	1.71	64	49972	54.453	ug/l	96
7) Trichlorofluoromethane	1.92	101	129286	49.755	ug/l	98
8) Diethyl Ether	2.18	74	44558	49.997	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72515	45.061	ug/l	99
10) Methyl Iodide	2.50	142	87847	43.801	ug/l	100
11) Tert butyl alcohol	3.03	59	106502	258.871	ug/l	99
12) 1,1-Dichloroethene	2.36	96	68106	44.088	ug/l	92
13) Acrolein	2.28	56	52191	234.534	ug/l	97
14) Allyl chloride	2.72	41	119699	49.219	ug/l	99
15) Acrylonitrile	3.12	53	206674	247.214	ug/l	100
16) Acetone	2.43	43	221269	247.625	ug/l	99
17) Carbon Disulfide	2.56	76	203062	48.894	ug/l	99
18) Methyl Acetate	2.76	43	99776	51.115	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	265683	48.839	ug/l	99
20) Methylene Chloride	2.84	84	83950	50.238	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	81336	50.598	ug/l	95
22) Diisopropyl ether	3.84	45	231985	48.785	ug/l	96
23) Vinyl Acetate	3.80	43	1024440	253.465	ug/l	100
24) 1,1-Dichloroethane	3.69	63	142551	48.737	ug/l	99
25) 2-Butanone	4.65	43	301981	251.995	ug/l	98
26) 2,2-Dichloropropane	4.56	77	134362	49.705	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	92340	48.809	ug/l	97
28) Bromochloromethane	5.00	49	38721	51.341	ug/l	98
29) Tetrahydrofuran	5.11	42	175791	243.367	ug/l	99
30) Chloroform	5.20	83	149363	47.963	ug/l	94
31) Cyclohexane	5.57	56	125226	51.052	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	138589	50.052	ug/l	99
36) 1,1-Dichloropropene	5.78	75	113087	52.064	ug/l	99
37) Ethyl Acetate	4.81	43	107319	49.627	ug/l	99
38) Carbon Tetrachloride	5.76	117	119030	49.624	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	140622	50.618	ug/l	98
40) Benzene	6.13	78	320673	49.197	ug/l	96
41) Methacrylonitrile	5.02	41	60383	52.082	ug/l	99
42) 1,2-Dichloroethane	6.18	62	119978	48.820	ug/l	98
43) Isopropyl Acetate	6.43	43	182284	50.769	ug/l	99
44) Trichloroethene	7.20	130	89998	48.649	ug/l	99
45) 1,2-Dichloropropane	7.50	63	79643	48.784	ug/l	99
46) Dibromomethane	7.65	93	57335	48.746	ug/l	99
47) Bromodichloromethane	7.89	83	117979	51.470	ug/l	99
48) Methyl methacrylate	7.76	41	90082	50.762	ug/l	98
49) 1,4-Dioxane	7.73	88	45454	1006.394	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	545761	249.379	ug/l	100
52) Toluene	8.78	92	211590	48.983	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	131315	53.909	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139479	52.344	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	83566	48.931	ug/l	97
56) Ethyl methacrylate	9.17	69	133936	52.107	ug/l	99
57) 1,3-Dichloropropane	9.36	76	141900	49.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	273705	272.895	ug/l	100
59) 2-Hexanone	9.48	43	432850	256.767	ug/l	98
60) Dibromochloromethane	9.57	129	94055	52.558	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88746	48.948	ug/l	97
64) Tetrachloroethene	9.33	164	83837	51.334	ug/l	96
65) Chlorobenzene	10.14	112	227160	48.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	85562	49.939	ug/l	99
67) Ethyl Benzene	10.25	91	413917	49.851	ug/l	98
68) m/p-Xylenes	10.35	106	302044	96.257	ug/l	96
69) o-Xylene	10.70	106	149661	49.719	ug/l	98
70) Styrene	10.71	104	256097	49.409	ug/l	99
71) Bromoform	10.85	173	67184	53.665	ug/l #	100
73) Isopropylbenzene	11.01	105	408999	51.702	ug/l	98
74) N-amyl acetate	10.89	43	155074	53.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	127062	52.898	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	105343m	50.173	ug/l	
77) Bromobenzene	11.25	156	98151	51.767	ug/l	97
78) n-propylbenzene	11.35	91	437029	50.859	ug/l	98
79) 2-Chlorotoluene	11.42	91	267160	49.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346007	52.622	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43442	56.857	ug/l	98
82) 4-Chlorotoluene	11.51	91	316213	51.402	ug/l	96
83) tert-Butylbenzene	11.77	119	322189	49.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	336450	50.729	ug/l	98
85) sec-Butylbenzene	11.94	105	364970	49.299	ug/l	98
86) p-Isopropyltoluene	12.06	119	371853	53.466	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	163875	47.843	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	167152	47.930	ug/l	98
89) n-Butylbenzene	12.38	91	315455	55.445	ug/l	99
90) Hexachloroethane	12.59	117	63022	54.109	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	167572	49.751	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32391	54.227	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	113342	53.440	ug/l	98
94) Hexachlorobutadiene	13.77	225	54676	49.836	ug/l	98
95) Naphthalene	13.83	128	357265	54.885	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	111049	52.986	ug/l	98

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

