

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013193.D
 Acq On : 23 Oct 2019 17:45
 Operator : JC/SP
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:33:07 PM

Quant Time: Oct 24 04:17:24 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	95735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	146598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	146066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	94157	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.49	113	74237	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
50) Toluene-d8	8.71	98	272869	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	101057	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	33005	17.086	ug/l 95
3) Chloromethane	1.32	50	28867	18.768	ug/l 96
4) Vinyl Chloride	1.40	62	30314	17.437	ug/l 99
5) Bromomethane	1.63	94	18303	19.863	ug/l 99
6) Chloroethane	1.72	64	18125	16.939	ug/l 99
7) Trichlorofluoromethane	1.92	101	49445	18.215	ug/l 94
8) Diethyl Ether	2.18	74	16996	18.064	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29096	17.126	ug/l 99
10) Methyl Iodide	2.50	142	29589	16.386	ug/l 99
11) Tert butyl alcohol	3.03	59	45413	103.923	ug/l 98
12) 1,1-Dichloroethene	2.36	96	28536	17.498	ug/l 99
13) Acrolein	2.28	56	22391	95.310	ug/l 95
14) Allyl chloride	2.72	41	45236	17.619	ug/l 99
15) Acrylonitrile	3.13	53	81969	92.873	ug/l 100
16) Acetone	2.43	43	87440	92.691	ug/l 100
17) Carbon Disulfide	2.56	76	71869	16.392	ug/l 98
18) Methyl Acetate	2.76	43	40060	20.040	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	102414	17.833	ug/l 99
20) Methylene Chloride	2.84	84	31894	18.264	ug/l 96
21) trans-1,2-Dichloroethene	3.15	96	31283	18.736	ug/l 91
22) Diisopropyl ether	3.84	45	90979	18.123	ug/l 94
23) Vinyl Acetate	3.80	43	393461	92.212	ug/l 100
24) 1,1-Dichloroethane	3.69	63	53788	17.419	ug/l 97
25) 2-Butanone	4.66	43	119202	94.222	ug/l 96
26) 2,2-Dichloropropane	4.57	77	48864	17.123	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	34591	17.319	ug/l 99
28) Bromochloromethane	5.01	49	15176	19.060	ug/l 99
29) Tetrahydrofuran	5.11	42	72512	95.089	ug/l 98
30) Chloroform	5.20	83	57846	17.595	ug/l 99
31) Cyclohexane	5.58	56	45812	17.691	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	52064	17.811	ug/l 98
36) 1,1-Dichloropropene	5.79	75	41953	17.045	ug/l 98
37) Ethyl Acetate	4.82	43	42962	17.586	ug/l 99
38) Carbon Tetrachloride	5.78	117	43921	16.209	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49333	15.719	ug/l	99
40) Benzene	6.13	78	123590	16.784	ug/l	99
41) Methacrylonitrile	5.03	41	23924	18.266	ug/l	97
42) 1,2-Dichloroethane	6.18	62	46922	16.901	ug/l	99
43) Isopropyl Acetate	6.43	43	71003	17.505	ug/l	100
44) Trichloroethene	7.21	130	34589	16.551	ug/l	99
45) 1,2-Dichloropropane	7.51	63	31370	17.009	ug/l	95
46) Dibromomethane	7.65	93	21895	16.478	ug/l	100
47) Bromodichloromethane	7.89	83	43324	16.731	ug/l	99
48) Methyl methacrylate	7.76	41	34257	17.088	ug/l	98
49) 1,4-Dioxane	7.73	88	18995	372.287	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	219575	88.814	ug/l	99
52) Toluene	8.78	92	81517	16.705	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	47067	17.104	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	51227	17.018	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33385	17.304	ug/l	95
56) Ethyl methacrylate	9.17	69	50050	17.236	ug/l	98
57) 1,3-Dichloropropane	9.37	76	55425	17.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	103599	91.435	ug/l	100
59) 2-Hexanone	9.48	43	171370	89.987	ug/l	99
60) Dibromochloromethane	9.57	129	33606	16.623	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34576	16.881	ug/l	99
64) Tetrachloroethene	9.33	164	34052	17.647	ug/l	96
65) Chlorobenzene	10.14	112	85570	16.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	31602	16.731	ug/l	99
67) Ethyl Benzene	10.25	91	153241	16.741	ug/l	100
68) m/p-Xylenes	10.35	106	115585	33.412	ug/l	99
69) o-Xylene	10.70	106	56311	16.969	ug/l	97
70) Styrene	10.71	104	94884	16.605	ug/l	98
71) Bromoform	10.85	173	23175	16.792	ug/l #	100
73) Isopropylbenzene	11.01	105	149545	16.931	ug/l	99
74) N-amyl acetate	10.89	43	55356	17.076	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	46006	17.154	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	38934m	16.608	ug/l	
77) Bromobenzene	11.25	156	35551	16.794	ug/l	99
78) n-propylbenzene	11.35	91	163281	17.019	ug/l	100
79) 2-Chlorotoluene	11.42	91	98055	16.176	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	130433	17.767	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14848	17.405	ug/l	97
82) 4-Chlorotoluene	11.51	91	121463	17.684	ug/l	97
83) tert-Butylbenzene	11.76	119	123421	16.992	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	129234	17.452	ug/l	98
85) sec-Butylbenzene	11.94	105	133331	16.131	ug/l	100
86) p-Isopropyltoluene	12.06	119	130868	16.853	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64601	16.892	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	64526	16.572	ug/l	100
89) n-Butylbenzene	12.38	91	106327	16.738	ug/l	97
90) Hexachloroethane	12.59	117	22500	17.302	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	64413	17.128	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11529	17.287	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	36913	15.588	ug/l	94
94) Hexachlorobutadiene	13.78	225	19550	15.960	ug/l	96
95) Naphthalene	13.83	128	130186	17.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	40598	17.350	ug/l	96

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

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