

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013648.D
 Acq On : 27 Nov 2019 13:27
 Operator : JC/SP
 Sample : VX1127WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 12:48:09 PM

Quant Time: Nov 28 01:11:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	689936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1037026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	938941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	456518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	387584	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	318902	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1235041	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	434366	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	153801	20.028	ug/l	95
3) Chloromethane	1.32	50	174316	20.230	ug/l	98
4) Vinyl Chloride	1.40	62	200853	20.710	ug/l	95
5) Bromomethane	1.63	94	117466	18.035	ug/l	96
6) Chloroethane	1.72	64	110343	19.994	ug/l	95
7) Trichlorofluoromethane	1.92	101	211213	19.613	ug/l	99
8) Diethyl Ether	2.18	74	97122	19.934	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	126159	19.179	ug/l	97
10) Methyl Iodide	2.50	142	144415	18.149	ug/l	100
11) Tert butyl alcohol	3.03	59	177479	89.782	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129613	19.740	ug/l	97
13) Acrolein	2.28	56	109930	87.160	ug/l	99
14) Allyl chloride	2.72	41	230454	19.341	ug/l	99
15) Acrylonitrile	3.13	53	396864	97.260	ug/l	99
16) Acetone	2.43	43	425400	107.589	ug/l	100
17) Carbon Disulfide	2.56	76	341120	18.225	ug/l	98
18) Methyl Acetate	2.76	43	227487	20.661	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	426540	19.610	ug/l	100
20) Methylene Chloride	2.85	84	145333	19.132	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	139007	19.434	ug/l	98
22) Diisopropyl ether	3.84	45	454289	19.800	ug/l	95
23) Vinyl Acetate	3.80	43	1637688	85.802	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251057	20.016	ug/l	99
25) 2-Butanone	4.66	43	593757	101.042	ug/l	99
26) 2,2-Dichloropropane	4.58	77	187170	18.036	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	157136	19.130	ug/l	99
28) Bromochloromethane	5.00	49	100232	20.215	ug/l	100
29) Tetrahydrofuran	5.12	42	360742	99.582	ug/l	99
30) Chloroform	5.20	83	241048	18.950	ug/l	98
31) Cyclohexane	5.57	56	227668	19.245	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	206762	19.451	ug/l	99
36) 1,1-Dichloropropene	5.79	75	182813	19.420	ug/l	99
37) Ethyl Acetate	4.82	43	212872	20.157	ug/l	99
38) Carbon Tetrachloride	5.78	117	172574	19.881	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227065	19.514	ug/l	95
40) Benzene	6.14	78	573632	20.008	ug/l	99
41) Methacrylonitrile	5.03	41	123299	21.289	ug/l	97
42) 1,2-Dichloroethane	6.18	62	199404	20.393	ug/l	98
43) Isopropyl Acetate	6.43	43	340629	19.592	ug/l	99
44) Trichloroethene	7.21	130	156998	19.953	ug/l	95
45) 1,2-Dichloropropane	7.51	63	144991	20.213	ug/l	98
46) Dibromomethane	7.65	93	96452	19.797	ug/l	98
47) Bromodichloromethane	7.89	83	180267	19.572	ug/l	98
48) Methyl methacrylate	7.76	41	168577	19.956	ug/l	98
49) 1,4-Dioxane	7.73	88	72433	383.066	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1106600	101.186	ug/l	100
52) Toluene	8.78	92	355773	19.974	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	196429	18.737	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222631	19.438	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	147255	20.516	ug/l	99
56) Ethyl methacrylate	9.17	69	227378	19.704	ug/l	99
57) 1,3-Dichloropropane	9.37	76	241978	19.559	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	439997	97.248	ug/l	100
59) 2-Hexanone	9.49	43	859562	100.775	ug/l	99
60) Dibromochloromethane	9.58	129	146336	19.645	ug/l	100
61) 1,2-Dibromoethane	9.67	107	153878	20.073	ug/l	98
64) Tetrachloroethene	9.33	164	196445	28.055	ug/l	98
65) Chlorobenzene	10.14	112	384317	19.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	139433	19.918	ug/l	99
67) Ethyl Benzene	10.25	91	668510	19.956	ug/l	99
68) m/p-Xylenes	10.35	106	513436	40.033	ug/l	99
69) o-Xylene	10.70	106	246227	19.685	ug/l	98
70) Styrene	10.71	104	420621	19.990	ug/l	100
71) Bromoform	10.85	173	109457	18.898	ug/l #	29
73) Isopropylbenzene	11.01	105	653458	20.406	ug/l	100
74) N-amyl acetate	10.89	43	291823	19.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	224021	20.172	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	180646m	17.593	ug/l	
77) Bromobenzene	11.25	156	169838	19.632	ug/l	98
78) n-propylbenzene	11.35	91	729392	20.404	ug/l	99
79) 2-Chlorotoluene	11.42	91	435091	20.290	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	539348	20.550	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67548	17.998	ug/l	94
82) 4-Chlorotoluene	11.51	91	497380	20.026	ug/l	100
83) tert-Butylbenzene	11.76	119	488143	18.301	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	549928	20.645	ug/l	98
85) sec-Butylbenzene	11.94	105	623164	20.454	ug/l	100
86) p-Isopropyltoluene	12.06	119	576119	20.327	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	296189	19.641	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	293108	19.082	ug/l	100
89) n-Butylbenzene	12.38	91	472839	19.560	ug/l	99
90) Hexachloroethane	12.59	117	95659	18.672	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	296634	19.908	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46829	19.364	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	194550	18.735	ug/l	98
94) Hexachlorobutadiene	13.78	225	95620	19.169	ug/l	96
95) Naphthalene	13.83	128	598212	19.344	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	200412	19.492	ug/l	99

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

