

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014235.D
 Acq On : 24 Dec 2019 11:09
 Operator : JC/SP
 Sample : VX1224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:21 AM

Quant Time: Dec 25 06:10:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	525210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	786891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	709008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	284946	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.48	113	237472	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	921932	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	328151	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	81215	17.285	ug/l 98
3) Chloromethane	1.32	50	111162	17.629	ug/l 98
4) Vinyl Chloride	1.40	62	116539	17.515	ug/l 99
5) Bromomethane	1.63	94	71297	15.097	ug/l 99
6) Chloroethane	1.72	64	76304	18.581	ug/l 93
7) Trichlorofluoromethane	1.92	101	152453	18.509	ug/l 97
8) Diethyl Ether	2.18	74	70567	18.255	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94377	19.008	ug/l 99
10) Methyl Iodide	2.50	142	98567	16.886	ug/l 99
11) Tert butyl alcohol	3.02	59	111495	86.685	ug/l 99
12) 1,1-Dichloroethene	2.36	96	91492	18.109	ug/l 99
13) Acrolein	2.28	56	66581	90.431	ug/l 97
14) Allyl chloride	2.72	41	164916	18.282	ug/l 99
15) Acrylonitrile	3.12	53	289672	96.490	ug/l 98
16) Acetone	2.43	43	336447	87.062	ug/l 99
17) Carbon Disulfide	2.56	76	229277	16.852	ug/l 99
18) Methyl Acetate	2.76	43	147237	19.228	ug/l 96
19) Methyl tert-butyl Ether	3.18	73	312139	18.802	ug/l 96
20) Methylene Chloride	2.84	84	113086	18.583	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	102677	18.447	ug/l 99
22) Diisopropyl ether	3.84	45	344894	19.187	ug/l 99
23) Vinyl Acetate	3.80	43	1403080	95.648	ug/l 100
24) 1,1-Dichloroethane	3.69	63	185495	18.548	ug/l 100
25) 2-Butanone	4.65	43	440906	92.541	ug/l 97
26) 2,2-Dichloropropane	4.57	77	141814	18.264	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	115776	18.392	ug/l 98
28) Bromochloromethane	5.00	49	81075	21.342	ug/l 96
29) Tetrahydrofuran	5.11	42	251284	94.295	ug/l 99
30) Chloroform	5.20	83	177909	18.765	ug/l 99
31) Cyclohexane	5.56	56	166017	18.664	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	146215	18.096	ug/l 99
36) 1,1-Dichloropropene	5.79	75	133736	18.523	ug/l 99
37) Ethyl Acetate	4.81	43	151529	19.005	ug/l 99
38) Carbon Tetrachloride	5.77	117	126920	19.296	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	169548	19.018	ug/l	97
40) Benzene	6.13	78	418929	18.857	ug/l	98
41) Methacrylonitrile	5.02	41	82249	18.592	ug/l	100
42) 1,2-Dichloroethane	6.18	62	144515	19.190	ug/l	98
43) Isopropyl Acetate	6.43	43	245629	18.615	ug/l	100
44) Trichloroethene	7.20	130	112185	18.283	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109598	19.248	ug/l	100
46) Dibromomethane	7.65	93	70114	18.624	ug/l	99
47) Bromodichloromethane	7.89	83	134727	19.002	ug/l	98
48) Methyl methacrylate	7.76	41	120483	18.647	ug/l	99
49) 1,4-Dioxane	7.73	88	50109	381.090	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	788743	95.181	ug/l	99
52) Toluene	8.78	92	262142	18.669	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	145852	18.761	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	165666	19.127	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	108141	19.215	ug/l	99
56) Ethyl methacrylate	9.17	69	165986	18.776	ug/l	99
57) 1,3-Dichloropropane	9.36	76	182272	19.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	333050	99.551	ug/l	99
59) 2-Hexanone	9.48	43	625992	93.840	ug/l	99
60) Dibromochloromethane	9.57	129	106882	19.106	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112962	19.618	ug/l	99
64) Tetrachloroethene	9.33	164	127127	20.263	ug/l	94
65) Chlorobenzene	10.14	112	285252	18.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	103207	19.174	ug/l	98
67) Ethyl Benzene	10.25	91	490659	18.931	ug/l	100
68) m/p-Xylenes	10.35	106	370048	37.122	ug/l	97
69) o-Xylene	10.70	106	179860	18.397	ug/l	98
70) Styrene	10.71	104	307672	18.611	ug/l	100
71) Bromoform	10.85	173	77518	17.916	ug/l #	100
73) Isopropylbenzene	11.01	105	482802	19.644	ug/l	99
74) N-amyl acetate	10.89	43	210744	18.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159424	18.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	133374m	17.599	ug/l	
77) Bromobenzene	11.25	156	124482	18.408	ug/l	98
78) n-propylbenzene	11.35	91	545698	19.794	ug/l	100
79) 2-Chlorotoluene	11.42	91	320917	19.150	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	402700	19.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47972	17.867	ug/l	94
82) 4-Chlorotoluene	11.51	91	370320	19.050	ug/l	99
83) tert-Butylbenzene	11.76	119	376556	18.706	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	400017	19.311	ug/l	100
85) sec-Butylbenzene	11.94	105	470842	19.813	ug/l	99
86) p-Isopropyltoluene	12.06	119	423450	19.480	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	217343	18.339	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	220243	18.276	ug/l	99
89) n-Butylbenzene	12.38	91	361613	19.496	ug/l	99
90) Hexachloroethane	12.59	117	71965	18.431	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	218566	18.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32622	17.300	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	143499	18.505	ug/l	98
94) Hexachlorobutadiene	13.77	225	72712	19.511	ug/l	97
95) Naphthalene	13.83	128	423778	18.601	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143098	18.694	ug/l	97

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

