

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
 Data File : VX014742.D
 Acq On : 28 Jan 2020 11:21
 Operator : JC/SP
 Sample : VX0128WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:41 AM

Quant Time: Jan 28 23:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	600318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	253728	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.48	113	206340	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	803007	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	280209	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	111109	18.814	ug/l	99
3) Chloromethane	1.32	50	109201	18.020	ug/l	98
4) Vinyl Chloride	1.40	62	124306	18.971	ug/l	98
5) Bromomethane	1.63	94	71826	16.139	ug/l	99
6) Chloroethane	1.72	64	74585	19.039	ug/l	98
7) Trichlorofluoromethane	1.92	101	142340	18.657	ug/l	98
8) Diethyl Ether	2.18	74	60308	18.110	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85282	19.041	ug/l	98
10) Methyl Iodide	2.50	142	100970	17.181	ug/l	99
11) Tert butyl alcohol	3.02	59	97337	82.880	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80644	18.110	ug/l	99
13) Acrolein	2.28	56	62196	67.165	ug/l	99
14) Allyl chloride	2.72	41	142879	17.851	ug/l	98
15) Acrylonitrile	3.12	53	239199	88.026	ug/l	99
16) Acetone	2.43	43	232429	81.172	ug/l	99
17) Carbon Disulfide	2.56	76	208966	17.169	ug/l	99
18) Methyl Acetate	2.76	43	145961	17.836	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	266926	18.300	ug/l	98
20) Methylene Chloride	2.84	84	94077	17.733	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	86273	17.595	ug/l	96
22) Diisopropyl ether	3.84	45	299416	18.802	ug/l	93
23) Vinyl Acetate	3.80	43	1128750	92.983	ug/l	99
24) 1,1-Dichloroethane	3.69	63	159603	18.455	ug/l	98
25) 2-Butanone	4.65	43	341042	83.026	ug/l	97
26) 2,2-Dichloropropane	4.57	77	128170	18.516	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	98680	17.982	ug/l	99
28) Bromochloromethane	5.00	49	73716	19.397	ug/l	95
29) Tetrahydrofuran	5.11	42	210646	86.402	ug/l	99
30) Chloroform	5.20	83	155071	18.101	ug/l	96
31) Cyclohexane	5.57	56	149056	18.325	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	131513	18.161	ug/l	99
36) 1,1-Dichloropropene	5.79	75	117395	19.088	ug/l	99
37) Ethyl Acetate	4.81	43	132279	18.779	ug/l	99
38) Carbon Tetrachloride	5.77	117	113264	19.284	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	146476	19.011	ug/l	94
40) Benzene	6.13	78	359896	18.939	ug/l	98
41) Methacrylonitrile	5.03	41	72460	17.867	ug/l	99
42) 1,2-Dichloroethane	6.18	62	128405	19.568	ug/l	100
43) Isopropyl Acetate	6.43	43	206254	17.881	ug/l	99
44) Trichloroethene	7.20	130	99004	18.445	ug/l	96
45) 1,2-Dichloropropane	7.50	63	93778	19.156	ug/l	98
46) Dibromomethane	7.65	93	59860	18.880	ug/l	97
47) Bromodichloromethane	7.89	83	116778	18.779	ug/l	99
48) Methyl methacrylate	7.76	41	102460	18.591	ug/l	99
49) 1,4-Dioxane	7.73	88	44011	376.725	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	665491	91.412	ug/l	99
52) Toluene	8.78	92	227185	19.449	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	126253	18.855	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141048	19.148	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92145	19.267	ug/l	97
56) Ethyl methacrylate	9.17	69	136688	18.042	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157092	19.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	231134	96.100	ug/l	100
59) 2-Hexanone	9.48	43	505667	89.510	ug/l	99
60) Dibromochloromethane	9.57	129	92604	18.551	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96323	19.049	ug/l	100
64) Tetrachloroethene	9.33	164	104538	17.592	ug/l	96
65) Chlorobenzene	10.14	112	243245	18.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	89407	18.885	ug/l	99
67) Ethyl Benzene	10.25	91	426058	19.433	ug/l	100
68) m/p-Xylenes	10.36	106	322551	38.833	ug/l	98
69) o-Xylene	10.70	106	154653	19.286	ug/l	98
70) Styrene	10.71	104	264138	19.637	ug/l	99
71) Bromoform	10.85	173	68578	18.215	ug/l #	99
73) Isopropylbenzene	11.01	105	408210	19.026	ug/l	99
74) N-amyl acetate	10.89	43	172813	18.380	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137728	17.979	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	114316m	16.102	ug/l	
77) Bromobenzene	11.25	156	109161	18.938	ug/l	98
78) n-propylbenzene	11.35	91	478763	19.658	ug/l	99
79) 2-Chlorotoluene	11.42	91	283384	19.231	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	347794	19.531	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41127	16.486	ug/l	94
82) 4-Chlorotoluene	11.51	91	327487	19.521	ug/l	99
83) tert-Butylbenzene	11.76	119	326823	19.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	350420	19.619	ug/l	99
85) sec-Butylbenzene	11.94	105	406924	19.851	ug/l	100
86) p-Isopropyltoluene	12.06	119	372141	19.644	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193437	18.674	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193369	18.635	ug/l	99
89) n-Butylbenzene	12.39	91	314293	19.049	ug/l	99
90) Hexachloroethane	12.59	117	64543	18.342	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	190887	18.554	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28490	17.310	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	124923	18.833	ug/l	98
94) Hexachlorobutadiene	13.78	225	67469	19.762	ug/l	98
95) Naphthalene	13.83	128	359047	17.405	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127440	19.001	ug/l	98

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

