

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019142.D
 Acq On : 27 Oct 2020 17:33
 Operator : JC/MD
 Sample : VX1027WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:15:26 PM

Quant Time: Oct 28 02:39:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171560	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.46	113	137349	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.70	98	522620	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	195921	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	42654	18.479	ug/l	99
3) Chloromethane	1.31	50	48458	18.791	ug/l	100
4) Vinyl Chloride	1.39	62	56153	18.776	ug/l	98
5) Bromomethane	1.64	94	43422	21.260	ug/l	97
6) Chloroethane	1.71	64	36661	19.199	ug/l	99
7) Trichlorofluoromethane	1.92	101	88643	18.866	ug/l	97
8) Diethyl Ether	2.17	74	34784	19.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48951	18.796	ug/l	98
10) Methyl Iodide	2.50	142	42788	18.522	ug/l	100
11) Tert butyl alcohol	3.03	59	66461	94.233	ug/l	99
12) 1,1-Dichloroethene	2.35	96	48767	18.172	ug/l	96
13) Acrolein	2.28	56	24426	81.359	ug/l	99
14) Allyl chloride	2.71	41	75269	18.517	ug/l	99
15) Acrylonitrile	3.12	53	143612	96.901	ug/l	100
16) Acetone	2.42	43	116738	94.765	ug/l	97
17) Carbon Disulfide	2.55	76	135675	18.226	ug/l	100
18) Methyl Acetate	2.75	43	56719	18.934	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	175700	18.896	ug/l	100
20) Methylene Chloride	2.84	84	56317	18.210	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55446	17.952	ug/l	92
22) Diisopropyl ether	3.82	45	157277	19.408	ug/l	96
23) Vinyl Acetate	3.78	43	695828	96.289	ug/l	98
24) 1,1-Dichloroethane	3.67	63	95391	18.853	ug/l	99
25) 2-Butanone	4.63	43	188167	96.922	ug/l	98
26) 2,2-Dichloropropane	4.55	77	85966	18.073	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	63104	18.284	ug/l	98
28) Bromochloromethane	4.98	49	42274	18.379	ug/l #	95
29) Tetrahydrofuran	5.09	42	120699	98.653	ug/l	100
30) Chloroform	5.18	83	102131	18.964	ug/l	100
31) Cyclohexane	5.55	56	82896	18.365	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	92379	18.920	ug/l	99
36) 1,1-Dichloropropene	5.77	75	77154	18.261	ug/l	99
37) Ethyl Acetate	4.79	43	75825	19.329	ug/l	100
38) Carbon Tetrachloride	5.76	117	78787	18.295	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91877	18.187	ug/l	96
40) Benzene	6.12	78	226974	18.947	ug/l	100
41) Methacrylonitrile	5.01	41	39292	18.599	ug/l	99
42) 1,2-Dichloroethane	6.16	62	83281	18.864	ug/l	100
43) Isopropyl Acetate	6.41	43	123292	18.770	ug/l	100
44) Trichloroethene	7.19	130	61612	17.959	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56736	19.337	ug/l	97
46) Dibromomethane	7.63	93	40025	18.447	ug/l	99
47) Bromodichloromethane	7.87	83	79755	18.649	ug/l	99
48) Methyl methacrylate	7.74	41	60094	19.008	ug/l	99
49) 1,4-Dioxane	7.73	88	27431	390.158	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	375587	99.487	ug/l	100
52) Toluene	8.76	92	146677	19.011	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	87163	17.844	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	95237	18.541	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	57983	19.021	ug/l	99
56) Ethyl methacrylate	9.16	69	87324	18.965	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98253	19.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	237144	92.090	ug/l	98
59) 2-Hexanone	9.47	43	284833	99.116	ug/l	99
60) Dibromochloromethane	9.57	129	63496	19.193	ug/l	97
61) 1,2-Dibromoethane	9.65	107	62327	19.120	ug/l	98
64) Tetrachloroethene	9.32	164	56608	18.347	ug/l	97
65) Chlorobenzene	10.12	112	153995	18.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	56173	18.852	ug/l	97
67) Ethyl Benzene	10.23	91	280241	19.001	ug/l	99
68) m/p-Xylenes	10.34	106	211734	38.250	ug/l	99
69) o-Xylene	10.68	106	101241	19.283	ug/l	100
70) Styrene	10.69	104	169395	18.909	ug/l	100
71) Bromoform	10.84	173	42045	17.797	ug/l #	98
73) Isopropylbenzene	11.00	105	275169	19.079	ug/l	99
74) N-amyl acetate	10.88	43	101754	19.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	87784	19.476	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	81070m	19.270	ug/l	
77) Bromobenzene	11.24	156	66209	18.497	ug/l	96
78) n-propylbenzene	11.34	91	312744	18.996	ug/l	100
79) 2-Chlorotoluene	11.40	91	184598	19.045	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	229725	18.855	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27624	17.289	ug/l	98
82) 4-Chlorotoluene	11.49	91	218036	18.421	ug/l	99
83) tert-Butylbenzene	11.76	119	221914	19.022	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	230331	18.725	ug/l	99
85) sec-Butylbenzene	11.93	105	265988	19.010	ug/l	99
86) p-Isopropyltoluene	12.05	119	245262	18.991	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121287	18.195	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121300	17.481	ug/l	98
89) n-Butylbenzene	12.37	91	218925	18.034	ug/l	99
90) Hexachloroethane	12.58	117	40522	18.460	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	119958	18.741	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19809	17.952	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	80367	16.716	ug/l	96
94) Hexachlorobutadiene	13.76	225	36270	17.137	ug/l	97
95) Naphthalene	13.82	128	265094	17.507	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80270	17.210	ug/l	100

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

