

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019143.D
 Acq On : 27 Oct 2020 17:56
 Operator : JC/MD
 Sample : VX1027WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:15:31 PM

Quant Time: Oct 28 02:40:42 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	256272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	394797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167636	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	5.46	113	131780	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.70	98	497477	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.12	95	186820	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	39847	18.651	ug/l	99
3) Chloromethane	1.31	50	44817	18.777	ug/l	99
4) Vinyl Chloride	1.39	62	52525	18.975	ug/l	97
5) Bromomethane	1.64	94	40233	21.283	ug/l	98
6) Chloroethane	1.72	64	33996	19.236	ug/l	98
7) Trichlorofluoromethane	1.92	101	83371	19.172	ug/l	97
8) Diethyl Ether	2.17	74	34075	20.417	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45076	18.701	ug/l	99
10) Methyl Iodide	2.49	142	42741	19.485	ug/l	99
11) Tert butyl alcohol	3.02	59	67511	103.422	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46074	18.550	ug/l	97
13) Acrolein	2.28	56	24548	87.858	ug/l	97
14) Allyl chloride	2.71	41	71389	18.976	ug/l	99
15) Acrylonitrile	3.12	53	144159	105.094	ug/l	100
16) Acetone	2.42	43	115703	101.480	ug/l	97
17) Carbon Disulfide	2.55	76	126676	18.380	ug/l	100
18) Methyl Acetate	2.75	43	56803	20.488	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	173884	20.205	ug/l	99
20) Methylene Chloride	2.84	84	55277	19.312	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	53219	18.617	ug/l	96
22) Diisopropyl ether	3.82	45	153983	20.530	ug/l	97
23) Vinyl Acetate	3.78	43	696958	104.204	ug/l	99
24) 1,1-Dichloroethane	3.67	63	92456	19.743	ug/l	100
25) 2-Butanone	4.64	43	190865	106.220	ug/l	99
26) 2,2-Dichloropropane	4.55	77	80414	18.266	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61357	19.208	ug/l	99
28) Bromochloromethane	4.98	49	40968	19.244	ug/l	96
29) Tetrahydrofuran	5.09	42	125191	110.555	ug/l	98
30) Chloroform	5.18	83	97161	19.493	ug/l	99
31) Cyclohexane	5.55	56	78071	18.688	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	86948	19.240	ug/l	100
36) 1,1-Dichloropropene	5.77	75	72814	18.270	ug/l	99
37) Ethyl Acetate	4.79	43	75798	20.484	ug/l	100
38) Carbon Tetrachloride	5.76	117	74276	18.284	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86960	18.248	ug/l	98
40) Benzene	6.12	78	215511	19.072	ug/l	99
41) Methacrylonitrile	5.01	41	40166	20.156	ug/l	99
42) 1,2-Dichloroethane	6.16	62	80942	19.436	ug/l	99
43) Isopropyl Acetate	6.41	43	124874	20.154	ug/l	100
44) Trichloroethene	7.19	130	59636	18.427	ug/l	95
45) 1,2-Dichloropropane	7.49	63	54443	19.670	ug/l	99
46) Dibromomethane	7.63	93	39970	19.529	ug/l	98
47) Bromodichloromethane	7.87	83	78291	19.407	ug/l	99
48) Methyl methacrylate	7.74	41	59940	20.099	ug/l	99
49) 1,4-Dioxane	7.73	88	27186	409.912	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	377497	106.003	ug/l	100
52) Toluene	8.76	92	139397	19.153	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	86954	18.871	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92454	19.081	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	57181	19.885	ug/l	97
56) Ethyl methacrylate	9.16	69	87402	20.122	ug/l	99
57) 1,3-Dichloropropane	9.35	76	95639	19.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	235617	96.996	ug/l	98
59) 2-Hexanone	9.47	43	285152	105.191	ug/l	99
60) Dibromochloromethane	9.56	129	59719	19.136	ug/l	100
61) 1,2-Dibromoethane	9.65	107	60444	19.656	ug/l	99
64) Tetrachloroethene	9.32	164	55926	18.593	ug/l	98
65) Chlorobenzene	10.12	112	149691	18.551	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	53985	18.584	ug/l	98
67) Ethyl Benzene	10.23	91	265046	18.433	ug/l	100
68) m/p-Xylenes	10.34	106	201884	37.410	ug/l	99
69) o-Xylene	10.68	106	96703	18.892	ug/l	98
70) Styrene	10.70	104	160192	18.342	ug/l	99
71) Bromoform	10.84	173	42029	18.248	ug/l #	99
73) Isopropylbenzene	11.00	105	260833	19.338	ug/l	99
74) N-amyl acetate	10.88	43	98273	19.927	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84023	19.932	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	78705m	20.004	ug/l	
77) Bromobenzene	11.24	156	63871	19.079	ug/l	98
78) n-propylbenzene	11.34	91	294687	19.139	ug/l	99
79) 2-Chlorotoluene	11.40	91	174601	19.261	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	217828	19.116	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26602	17.802	ug/l	96
82) 4-Chlorotoluene	11.49	91	206868	18.688	ug/l	100
83) tert-Butylbenzene	11.76	119	208775	19.135	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	217472	18.904	ug/l	99
85) sec-Butylbenzene	11.93	105	251229	19.199	ug/l	99
86) p-Isopropyltoluene	12.05	119	230000	19.043	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113719	18.241	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	115531	17.803	ug/l	98
89) n-Butylbenzene	12.37	91	209644	18.466	ug/l	98
90) Hexachloroethane	12.58	117	37467	18.250	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	112266	18.754	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20365	19.734	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79182	17.610	ug/l	100
94) Hexachlorobutadiene	13.76	225	34270	17.314	ug/l	99
95) Naphthalene	13.82	128	264250	18.659	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	76919	17.633	ug/l	98

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

