

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018984.D
 Acq On : 20 Oct 2020 19:13
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102020

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 1:05:01 PM

Quant Time: Oct 21 03:46:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	174228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	314826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	321991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	114259	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.46	113	97137	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.70	98	399455	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.12	95	159668	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	74600	51.536	ug/l	98
3) Chloromethane	1.31	50	84971	50.557	ug/l	98
4) Vinyl Chloride	1.39	62	115637	50.735	ug/l	100
5) Bromomethane	1.62	94	92628	51.299	ug/l	98
6) Chloroethane	1.70	64	84550	49.669	ug/l	99
7) Trichlorofluoromethane	1.91	101	204498	51.732	ug/l	99
8) Diethyl Ether	2.17	74	81026	51.039	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	76161	47.674	ug/l	98
10) Methyl Iodide	2.49	142	93633	49.211	ug/l	100
11) Tert butyl alcohol	3.01	59	130593	248.629	ug/l	100
12) 1,1-Dichloroethene	2.35	96	79955	42.099	ug/l	96
13) Acrolein	2.27	56	74462	271.316	ug/l	100
14) Allyl chloride	2.70	41	112972	49.549	ug/l	99
15) Acrylonitrile	3.12	53	228842	251.001	ug/l	99
16) Acetone	2.42	43	193721	242.925	ug/l	100
17) Carbon Disulfide	2.54	76	235047	47.755	ug/l	99
18) Methyl Acetate	2.75	43	98263	50.852	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	282970	49.462	ug/l	98
20) Methylene Chloride	2.83	84	99181	48.131	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	100093	48.626	ug/l	100
22) Diisopropyl ether	3.82	45	229688	48.998	ug/l	96
23) Vinyl Acetate	3.78	43	1131967	256.034	ug/l	100
24) 1,1-Dichloroethane	3.67	63	167263	49.975	ug/l	99
25) 2-Butanone	4.64	43	328246	254.810	ug/l	100
26) 2,2-Dichloropropane	4.55	77	153233	47.734	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	118379	49.212	ug/l	98
28) Bromochloromethane	4.98	49	70552	48.881	ug/l	96
29) Tetrahydrofuran	5.09	42	187239	246.579	ug/l	99
30) Chloroform	5.18	83	185893	49.810	ug/l	96
31) Cyclohexane	5.55	56	128948	48.163	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	167789	50.015	ug/l	100
36) 1,1-Dichloropropene	5.76	75	141267	48.015	ug/l	100
37) Ethyl Acetate	4.79	43	127929	50.295	ug/l	99
38) Carbon Tetrachloride	5.75	117	143259	48.384	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	152606	48.007	ug/l	100
40) Benzene	6.11	78	424390	49.588	ug/l	100
41) Methacrylonitrile	5.00	41	66376	48.814	ug/l	98
42) 1,2-Dichloroethane	6.16	62	145504	49.568	ug/l	99
43) Isopropyl Acetate	6.41	43	212470	49.573	ug/l	99
44) Trichloroethene	7.19	130	114241	48.206	ug/l	98
45) 1,2-Dichloropropane	7.49	63	102053	48.984	ug/l	97
46) Dibromomethane	7.64	93	76994	49.240	ug/l	100
47) Bromodichloromethane	7.87	83	153905	49.611	ug/l	97
48) Methyl methacrylate	7.74	41	99835	47.179	ug/l	100
49) 1,4-Dioxane	7.71	88	55569	990.618	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	669607	253.022	ug/l	100
52) Toluene	8.76	92	292071	51.015	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	178318	50.310	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	183097	49.709	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	118267	50.784	ug/l	99
56) Ethyl methacrylate	9.16	69	175121	51.011	ug/l	100
57) 1,3-Dichloropropane	9.35	76	189912	50.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	439465	248.509	ug/l	99
59) 2-Hexanone	9.47	43	527635	256.742	ug/l	99
60) Dibromochloromethane	9.57	129	133317	51.838	ug/l	100
61) 1,2-Dibromoethane	9.65	107	130261	52.143	ug/l	97
64) Tetrachloroethene	9.32	164	103386	45.569	ug/l	98
65) Chlorobenzene	10.12	112	327804	48.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	119104	49.237	ug/l	99
67) Ethyl Benzene	10.23	91	577300	49.084	ug/l	99
68) m/p-Xylenes	10.34	106	466291	100.569	ug/l	99
69) o-Xylene	10.68	106	220181	49.581	ug/l	98
70) Styrene	10.70	104	389715	51.159	ug/l	99
71) Bromoform	10.84	173	108247	45.746	ug/l	99
73) Isopropylbenzene	11.00	105	595718	46.210	ug/l	100
74) N-amyl acetate	10.88	43	188455	42.781	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	198274	45.679	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	177315m	45.140	ug/l	
77) Bromobenzene	11.24	156	152452	47.567	ug/l	94
78) n-propylbenzene	11.34	91	676351	45.636	ug/l	100
79) 2-Chlorotoluene	11.40	91	396108	45.326	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	523736	47.208	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	65983	44.308	ug/l	97
82) 4-Chlorotoluene	11.49	91	482796	45.040	ug/l	100
83) tert-Butylbenzene	11.76	119	521208	48.241	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	525504	46.980	ug/l	100
85) sec-Butylbenzene	11.93	105	608781	47.131	ug/l	100
86) p-Isopropyltoluene	12.05	119	573301	47.194	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	296463	47.504	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	304725	47.268	ug/l	98
89) n-Butylbenzene	12.37	91	503416	44.363	ug/l	99
90) Hexachloroethane	12.58	117	90780	47.663	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	290648	47.963	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47700	44.732	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	191973	45.223	ug/l	98
94) Hexachlorobutadiene	13.77	225	78475	45.529	ug/l	96
95) Naphthalene	13.82	128	686117	48.438	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	193744	48.334	ug/l	97

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

