

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018042.D
 Acq On : 20 Aug 2020 19:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:04 AM

Quant Time: Aug 21 02:46:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	564651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	913366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	886353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	423795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	42021	5.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.14%	
35) Dibromofluoromethane	5.46	113	33219	5.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.24%	
50) Toluene-d8	8.70	98	124041	5.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.98%	
62) 4-Bromofluorobenzene	11.12	95	47421	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	31998	5.184	ug/l	98
3) Chloromethane	1.31	50	36425	5.213	ug/l	92
4) Vinyl Chloride	1.39	62	35641	4.811	ug/l	98
5) Bromomethane	1.62	94	15890	4.269	ug/l	97
6) Chloroethane	1.71	64	19968	4.534	ug/l	93
7) Trichlorofluoromethane	1.91	101	53597	5.491	ug/l	100
8) Diethyl Ether	2.17	74	17260	4.332	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28764	5.176	ug/l	95
10) Methyl Iodide	2.50	142	15139	2.153	ug/l #	96
11) Tert butyl alcohol	3.03	59	40582	22.497	ug/l	99
12) 1,1-Dichloroethene	2.36	96	29105	5.012	ug/l	99
13) Acrolein	2.28	56	15593	14.570	ug/l	90
14) Allyl chloride	2.71	41	51308	4.809	ug/l	95
15) Acrylonitrile	3.12	53	88532	23.134	ug/l	99
16) Acetone	2.42	43	76510	23.516	ug/l	100
17) Carbon Disulfide	2.54	76	84121	4.276	ug/l	98
18) Methyl Acetate	2.75	43	40423	5.029	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	97330	4.859	ug/l	93
20) Methylene Chloride	2.83	84	37276	5.467	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	31723	4.886	ug/l	94
22) Diisopropyl ether	3.83	45	102790	5.074	ug/l	95
23) Vinyl Acetate	3.79	43	444620	24.912	ug/l	100
24) 1,1-Dichloroethane	3.67	63	59479	5.241	ug/l	94
25) 2-Butanone	4.65	43	130138	24.699	ug/l	99
26) 2,2-Dichloropropane	4.55	77	47356	4.655	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	36231	5.096	ug/l	99
28) Bromochloromethane	4.98	49	27249	5.221	ug/l	99
29) Tetrahydrofuran	5.10	42	80934	23.207	ug/l	97
30) Chloroform	5.18	83	59731	5.265	ug/l	99
31) Cyclohexane	5.54	56	47239	4.666	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	53669	5.198	ug/l	97
36) 1,1-Dichloropropene	5.78	75	43394	4.842	ug/l	96
37) Ethyl Acetate	4.80	43	52064	5.060	ug/l	97
38) Carbon Tetrachloride	5.75	117	49101	5.317	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	45430	4.280	ug/l	93
40) Benzene	6.11	78	129415	4.957	ug/l	93
41) Methacrylonitrile	5.01	41	25727	4.623	ug/l	96
42) 1,2-Dichloroethane	6.17	62	50194	5.283	ug/l	97
43) Isopropyl Acetate	6.42	43	79758	4.826	ug/l	99
44) Trichloroethene	7.20	130	36916	4.091	ug/l	91
45) 1,2-Dichloropropane	7.49	63	36073	5.406	ug/l	99
46) Dibromomethane	7.64	93	23438	5.147	ug/l	97
47) Bromodichloromethane	7.88	83	50603	5.470	ug/l	99
48) Methyl methacrylate	7.75	41	38989	4.946	ug/l	97
49) 1,4-Dioxane	7.71	88	15075	82.410	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	251950	24.907	ug/l	99
52) Toluene	8.77	92	82822	5.078	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	51236	4.683	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	56209	4.921	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	37097	5.717	ug/l	98
56) Ethyl methacrylate	9.16	69	48394	4.634	ug/l	97
57) 1,3-Dichloropropane	9.35	76	59819	5.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	126123	23.291	ug/l	100
59) 2-Hexanone	9.48	43	191018	24.076	ug/l	98
60) Dibromochloromethane	9.57	129	39292	5.443	ug/l	99
61) 1,2-Dibromoethane	9.65	107	38517	5.488	ug/l	98
64) Tetrachloroethene	9.32	164	36321	3.561	ug/l	96
65) Chlorobenzene	10.12	112	92582	5.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	35990	5.220	ug/l	96
67) Ethyl Benzene	10.24	91	155811	4.754	ug/l	98
68) m/p-Xylenes	10.34	106	115824	9.428	ug/l	99
69) o-Xylene	10.68	106	53952	4.577	ug/l	99
70) Styrene	10.70	104	90201	4.497	ug/l	98
71) Bromoform	10.84	173	29577	5.242	ug/l	95
73) Isopropylbenzene	11.00	105	145360	4.760	ug/l	98
74) N-amyl acetate	10.88	43	66079	4.610	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	53875	8.938	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	50178m	5.253	ug/l	
77) Bromobenzene	11.24	156	41784	5.263	ug/l	98
78) n-propylbenzene	11.35	91	162188	4.576	ug/l	98
79) 2-Chlorotoluene	11.40	91	101923	4.832	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	117447	4.553	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	16882	4.307	ug/l	92
82) 4-Chlorotoluene	11.49	91	122960	4.943	ug/l	99
83) tert-Butylbenzene	11.76	119	113718	5.016	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	120530	4.618	ug/l	100
85) sec-Butylbenzene	11.93	105	131274	4.403	ug/l	100
86) p-Isopropyltoluene	12.05	119	117339	4.239	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	71868	5.060	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	70718	4.912	ug/l	93
89) n-Butylbenzene	12.37	91	109862	4.353	ug/l	99
90) Hexachloroethane	12.58	117	24058	4.992	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	65491	4.777	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	13297	5.273	ug/l	88

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93) 1,2,4-Trichlorobenzene	13.63	180	43580	4.351	ug/l	94
94) Hexachlorobutadiene	13.76	225	16448	3.633	ug/l	98
95) Naphthalene	13.82	128	136473	4.206	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	42613	4.380	ug/l	96

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

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