

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021188.D
 Acq On : 15 Mar 2021 09:54
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:36:46 PM

Quant Time: Mar 15 11:35:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:34:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	92093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	155272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	137177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	62343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	8253	6.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	13.26%#		
35) Dibromofluoromethane	5.464	113	5530	5.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	11.72%#		
50) Toluene-d8	8.694	98	19887	5.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.82%#		
62) 4-Bromofluorobenzene	11.117	95	7092	5.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	10.42%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	6184	6.21	ug/l	99
3) Chloromethane	1.316	50	6088	5.50	ug/l	99
4) Vinyl Chloride	1.393	62	5798	4.55	ug/l	97
5) Bromomethane	1.622	94	3546	7.74	ug/l	99
6) Chloroethane	1.704	64	3533	4.43	ug/l	94
7) Trichlorofluoromethane	1.910	101	9344	5.81	ug/l	94
8) Diethyl Ether	2.169	74	2955	3.96	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.363	101	5209	5.26	ug/l	92
10) Methyl Iodide	2.487	142	5504	4.14	ug/l #	86
11) Tert butyl alcohol	3.016	59	6447	23.27	ug/l	95
12) 1,1-Dichloroethene	2.352	96	4943	4.80	ug/l	88
13) Acrolein	2.275	56	4935	28.77	ug/l	97
14) Allyl chloride	2.705	41	10466	6.21	ug/l #	88
15) Acrylonitrile	3.116	53	14449	24.45	ug/l	95
16) Acetone	2.422	43	15025	29.31	ug/l	90
17) Carbon Disulfide	2.546	76	14466	4.93	ug/l	100
18) Methyl Acetate	2.752	43	7011	5.78	ug/l	90
19) Methyl tert-butyl Ether	3.169	73	18370	4.99	ug/l	96
20) Methylene Chloride	2.834	84	5873	4.78	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	5299	4.58	ug/l #	74
22) Diisopropyl ether	3.822	45	19413	5.73	ug/l	95
23) Vinyl Acetate	3.781	43	82427	28.46	ug/l #	92
24) 1,1-Dichloroethane	3.669	63	10494	5.26	ug/l	98
25) 2-Butanone	4.634	43	20989	26.96	ug/l	91
26) 2,2-Dichloropropane	4.546	77	9691	5.35	ug/l	93
27) cis-1,2-Dichloroethene	4.558	96	6221	4.66	ug/l	88
28) Bromochloromethane	4.976	49	5500	6.45	ug/l #	81
29) Tetrahydrofuran	5.093	42	13897	27.81	ug/l #	84
30) Chloroform	5.176	83	10999	5.47	ug/l	96
31) Cyclohexane	5.546	56	9721	5.40	ug/l #	82
32) 1,1,1-Trichloroethane	5.458	97	9727	5.56	ug/l	95
36) 1,1-Dichloropropene	5.770	75	8206	5.56	ug/l	96
37) Ethyl Acetate	4.793	43	8067	5.75	ug/l #	95
38) Carbon Tetrachloride	5.746	117	8907	6.23	ug/l	90
39) Methylcyclohexane	7.441	83	9049	4.89	ug/l	89
40) Benzene	6.111	78	22641	5.12	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	5082	6.44	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	10038	6.82	ug/l	93
43) Isopropyl Acetate	6.411	43	15016	6.29	ug/l #	90
44) Trichloroethene	7.188	130	6108	5.25	ug/l	98
45) 1,2-Dichloropropane	7.488	63	6058	5.46	ug/l	98
46) Dibromomethane	7.635	93	4262	5.71	ug/l	89
47) Bromodichloromethane	7.870	83	9106	5.86	ug/l	96
48) Methyl methacrylate	7.741	41	7250	6.05	ug/l #	80
49) 1,4-Dioxane	7.711	88	2523	90.22	ug/l #	77
51) 4-Methyl-2-Pentanone	8.617	43	40722	29.28	ug/l	88
52) Toluene	8.764	92	13606	4.94	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	8704	4.99	ug/l	98
54) cis-1,3-Dichloropropene	8.411	75	9672	5.06	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	5617	5.16	ug/l	98
56) Ethyl methacrylate	9.158	69	8225	4.67	ug/l #	70
57) 1,3-Dichloropropane	9.353	76	9839	5.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	21668	25.15	ug/l	93
59) 2-Hexanone	9.470	43	30134	28.88	ug/l	85
60) Dibromochloromethane	9.564	129	6168	5.37	ug/l	99
61) 1,2-Dibromoethane	9.653	107	5877	5.15	ug/l	96
64) Tetrachloroethene	9.317	164	6057	6.12	ug/l	93
65) Chlorobenzene	10.123	112	14224	4.93	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	5436	5.10	ug/l	99
67) Ethyl Benzene	10.235	91	25800	4.93	ug/l	98
68) m/p-Xylenes	10.341	106	18615	9.66	ug/l	90
69) o-Xylene	10.682	106	9078	4.83	ug/l	95
70) Styrene	10.694	104	14828	4.59	ug/l	94
71) Bromoform	10.841	173	4028	4.89	ug/l #	96
73) Isopropylbenzene	11.000	105	24723	5.02	ug/l	99
74) N-amyl acetate	10.882	43	10973	5.50	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	7578	4.77	ug/l	100
76) 1,2,3-Trichloropropane	11.276	75	7702m	5.74	ug/l	
77) Bromobenzene	11.241	156	5773	5.04	ug/l	88
78) n-propylbenzene	11.341	91	28360	5.05	ug/l	97
79) 2-Chlorotoluene	11.406	91	17058	5.01	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	20595	5.03	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.053	75	2366	3.91	ug/l #	74
82) 4-Chlorotoluene	11.494	91	20240	5.16	ug/l	95
83) tert-Butylbenzene	11.753	119	18359	4.61	ug/l	85
84) 1,2,4-Trimethylbenzene	11.788	105	20614	4.96	ug/l	97
85) sec-Butylbenzene	11.929	105	22415	4.77	ug/l	98
86) p-Isopropyltoluene	12.047	119	20635	4.79	ug/l	96
87) 1,3-Dichlorobenzene	12.012	146	10256	5.00	ug/l	96
88) 1,4-Dichlorobenzene	12.082	146	10073	4.82	ug/l	87
89) n-Butylbenzene	12.371	91	18537	4.82	ug/l	96
90) Hexachloroethane	12.576	117	3813	4.64	ug/l	91
91) 1,2-Dichlorobenzene	12.376	146	9892	4.94	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.982	75	1919	5.28	ug/l	71
93) 1,2,4-Trichlorobenzene	13.630	180	5712	4.45	ug/l	98
94) Hexachlorobutadiene	13.765	225	2717	5.28	ug/l	94
95) Naphthalene	13.818	128	17398	3.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	5740	4.50	ug/l	96

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

