

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072021\
 Data File : VX023358.D
 Acq On : 20 Jul 2021 17:29
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:53:59 PM

Quant Time: Jul 21 06:06:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072021W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 21 06:04:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	96471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	130675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	117734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	5946	4.640	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	9.280%#		
35) Dibromofluoromethane	5.397	113	4548	5.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.960%#		
50) Toluene-d8	8.653	98	15344	4.270	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	8.540%#		
62) 4-Bromofluorobenzene	11.085	95	6015	4.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.400%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	4952	4.432	ug/l	98
3) Chloromethane	1.294	50	2444	2.514	ug/l	99
4) Vinyl Chloride	1.374	62	2545	2.515	ug/l	92
5) Bromomethane	1.599	94	2865	6.978	ug/l	92
6) Chloroethane	1.678	64	1281	3.817	ug/l	94
7) Trichlorofluoromethane	1.880	101	6593	6.450	ug/l	99
8) Diethyl Ether	2.136	74	1620	6.075	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	4094	5.245	ug/l	92
10) Methyl Iodide	2.459	142	3466	2.938	ug/l #	94
11) Tert butyl alcohol	2.983	59	5725	21.156	ug/l	95
12) 1,1-Dichloroethene	2.319	96	3646	4.862	ug/l	93
13) Acrolein	2.245	56	1966	27.235	ug/l	99
14) Allyl chloride	2.666	41	3940	2.943	ug/l	95
15) Acrylonitrile	3.075	53	8311	16.933	ug/l	99
16) Acetone	2.392	43	8353	19.708	ug/l	98
17) Carbon Disulfide	2.514	76	8263	4.101	ug/l #	92
18) Methyl Acetate	2.709	43	3500	3.215	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	14691	4.715	ug/l	96
20) Methylene Chloride	2.794	84	4229	3.921	ug/l #	91
21) trans-1,2-Dichloroethene	3.093	96	4107	4.380	ug/l	94
22) Diisopropyl ether	3.776	45	8344	3.248	ug/l #	92
23) Vinyl Acetate	3.733	43	37592	16.472	ug/l	99
24) 1,1-Dichloroethane	3.611	63	6183	3.804	ug/l	98
25) 2-Butanone	4.568	43	11269	16.137	ug/l	95
26) 2,2-Dichloropropane	4.489	77	7232	4.669	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	4847	4.464	ug/l	96
28) Bromochloromethane	4.910	49	2281	3.334	ug/l #	98
29) Tetrahydrofuran	5.025	42	6322	14.387	ug/l	99
30) Chloroform	5.105	83	8385	4.542	ug/l	93
31) Cyclohexane	5.477	56	4751	3.472	ug/l #	96
32) 1,1,1-Trichloroethane	5.385	97	8820	5.061	ug/l	99
36) 1,1-Dichloropropene	5.702	75	5344	4.812	ug/l #	92
37) Ethyl Acetate	4.733	43	4438	3.911	ug/l	98
38) Carbon Tetrachloride	5.678	117	8432	6.242	ug/l	94
39) Methylcyclohexane	7.385	83	6847	4.326	ug/l	90
40) Benzene	6.044	78	15057	4.751	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	2502	4.139	ug/l	98
42) 1,2-Dichloroethane	6.092	62	7044	5.240	ug/l	88
43) Isopropyl Acetate	6.354	43	7278	3.873	ug/l	97
44) Trichloroethene	7.135	130	5499	4.896	ug/l	89
45) 1,2-Dichloropropane	7.440	63	3094	3.296	ug/l	96
46) Dibromomethane	7.586	93	2954	4.052	ug/l	95
47) Bromodichloromethane	7.830	83	6268	4.579	ug/l	87
48) Methyl methacrylate	7.702	41	3377	3.021	ug/l	95
49) 1,4-Dioxane	7.665	88	2242	82.401	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	21981	15.729	ug/l	98
52) Toluene	8.726	92	10548	4.299	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	6328	4.136	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	6116	3.901	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	4418	4.372	ug/l #	89
56) Ethyl methacrylate	9.116	69	6067	3.873	ug/l	99
57) 1,3-Dichloropropane	9.311	76	6618	4.003	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	13028	16.985	ug/l	98
59) 2-Hexanone	9.433	43	16669	15.123	ug/l	95
60) Dibromochloromethane	9.525	129	5474	4.948	ug/l	98
61) 1,2-Dibromoethane	9.616	107	4820	4.363	ug/l	98
64) Tetrachloroethene	9.281	164	6251	6.244	ug/l	95
65) Chlorobenzene	10.086	112	12168	5.107	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	4997	5.516	ug/l	95
67) Ethyl Benzene	10.195	91	21184	5.185	ug/l	96
68) m/p-Xylenes	10.305	106	16438	10.377	ug/l	99
69) o-Xylene	10.646	106	8027	5.059	ug/l	97
70) Styrene	10.659	104	13313	5.199	ug/l	99
71) Bromoform	10.805	173	4239	6.049	ug/l #	100
73) Isopropylbenzene	10.963	105	23364	5.327	ug/l	98
74) N-amyl acetate	10.848	43	5398	3.181	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	5350	4.020	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	5827m	4.466	ug/l	
77) Bromobenzene	11.201	156	6279	5.484	ug/l	98
78) n-propylbenzene	11.305	91	23177	4.686	ug/l	100
79) 2-Chlorotoluene	11.366	91	15304	4.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	20145	5.326	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1740	3.872	ug/l	92
82) 4-Chlorotoluene	11.457	91	17702	4.895	ug/l	98
83) tert-Butylbenzene	11.719	119	19497	5.220	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	19136	5.098	ug/l	99
85) sec-Butylbenzene	11.890	105	22286	4.822	ug/l	98
86) p-Isopropyltoluene	12.012	119	20640	5.271	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	10933	5.197	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	11018	5.130	ug/l	95
89) n-Butylbenzene	12.335	91	14538	4.442	ug/l	96
90) Hexachloroethane	12.542	117	2935	4.773	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	11062	5.319	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1804	5.209	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	7233	5.425	ug/l	94
94) Hexachlorobutadiene	13.725	225	3966	6.597	ug/l	95
95) Naphthalene	13.780	128	21857	5.192	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7159	5.638	ug/l	99

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

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