

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072021\
 Data File : VX023357.D
 Acq On : 20 Jul 2021 16:42
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:53:57 PM

Quant Time: Jul 21 06:05:46 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	110707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	147568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	1108	0.864	ug/l	75
3) Chloromethane	1.300	50	508	0.455	ug/l	93
4) Vinyl Chloride	1.374	62	486	0.418	ug/l	89
6) Chloroethane	1.684	64	305	0.792	ug/l #	40
7) Trichlorofluoromethane	1.886	101	1339	1.142	ug/l	98
8) Diethyl Ether	2.142	74	220	0.719	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	825	0.921	ug/l	92
12) 1,1-Dichloroethene	2.325	96	687	0.798	ug/l #	74
14) Allyl chloride	2.666	41	800	0.521	ug/l	92
15) Acrylonitrile	3.081	53	1714	3.043	ug/l	97
16) Acetone	2.386	43	1812	3.725	ug/l #	78
17) Carbon Disulfide	2.514	76	2236	0.967	ug/l	97
18) Methyl Acetate	2.703	43	696	0.557	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	2621	0.733	ug/l	94
20) Methylene Chloride	2.800	84	1203	0.972	ug/l	86
21) trans-1,2-Dichloroethene	3.099	96	875	0.813	ug/l #	58
22) Diisopropyl ether	3.776	45	1688	0.573	ug/l #	90
23) Vinyl Acetate	3.733	43	7037	2.687	ug/l	96
24) 1,1-Dichloroethane	3.623	63	1420	0.761	ug/l #	81
25) 2-Butanone	4.574	43	2031	2.534	ug/l	94
26) 2,2-Dichloropropane	4.477	77	1428	0.803	ug/l #	76
27) cis-1,2-Dichloroethene	4.489	96	1062	0.852	ug/l	85
28) Bromochloromethane	4.910	49	384m	0.489	ug/l	
29) Tetrahydrofuran	5.025	42	1243	2.465	ug/l	87
30) Chloroform	5.098	83	1552	0.733	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	1727	0.864	ug/l #	40
36) 1,1-Dichloropropene	5.702	75	1124	0.896	ug/l #	87
37) Ethyl Acetate	4.739	43	764	0.596	ug/l #	69
38) Carbon Tetrachloride	5.678	117	1691	1.109	ug/l #	91
39) Methylcyclohexane	7.385	83	1451	0.812	ug/l #	75
40) Benzene	6.050	78	3008	0.841	ug/l #	83
41) Methacrylonitrile	4.934	41	586	0.858	ug/l #	48
42) 1,2-Dichloroethane	6.080	62	1301	0.857	ug/l #	77
43) Isopropyl Acetate	6.354	43	1430	0.674	ug/l #	74
44) Trichloroethene	7.123	130	1225	0.966	ug/l	84
45) 1,2-Dichloropropane	7.440	63	606	0.572	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	560	0.680	ug/l	88
47) Bromodichloromethane	7.824	83	1217	0.787	ug/l #	74
48) Methyl methacrylate	7.702	41	576	0.456	ug/l	90
49) 1,4-Dioxane	7.671	88	343	11.163	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	3929	2.490	ug/l	95
52) Toluene	8.720	92	1950	0.704	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	1292	0.748	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	1273	0.719	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	746	0.654	ug/l	87
56) Ethyl methacrylate	9.122	69	1026	0.580	ug/l	92
57) 1,3-Dichloropropane	9.311	76	1196	0.641	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	2482	2.865	ug/l	92
59) 2-Hexanone	9.433	43	2909	2.337	ug/l	95
60) Dibromochloromethane	9.525	129	1027	0.822	ug/l	83
61) 1,2-Dibromoethane	9.616	107	954	0.765	ug/l	93
64) Tetrachloroethene	9.275	164	1166	1.038	ug/l #	77
65) Chlorobenzene	10.079	112	2454	0.918	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.171	131	1074	1.057	ug/l #	67
67) Ethyl Benzene	10.195	91	3991	0.871	ug/l	98
68) m/p-Xylenes	10.305	106	3088	1.738	ug/l	100
69) o-Xylene	10.646	106	1508	0.847	ug/l	99
70) Styrene	10.658	104	2522	0.878	ug/l	96
71) Bromoform	10.805	173	806	1.025	ug/l #	92
73) Isopropylbenzene	10.963	105	4128	0.881	ug/l	98
74) N-amyl acetate	10.847	43	962	0.530	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	949	0.667	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1094m	0.785	ug/l	
77) Bromobenzene	11.201	156	1212	0.990	ug/l	94
78) n-propylbenzene	11.311	91	4343	0.822	ug/l	99
79) 2-Chlorotoluene	11.366	91	2977	0.891	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3648	0.902	ug/l	100
82) 4-Chlorotoluene	11.457	91	3726	0.964	ug/l	94
83) tert-Butylbenzene	11.719	119	3763	0.943	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	3596	0.896	ug/l	97
85) sec-Butylbenzene	11.896	105	3994	0.809	ug/l	94
86) p-Isopropyltoluene	12.012	119	3752	0.896	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	2014	0.896	ug/l	92
88) 1,4-Dichlorobenzene	12.048	146	2511m	1.094	ug/l	
89) n-Butylbenzene	12.335	91	2945	0.842	ug/l	92
90) Hexachloroethane	12.548	117	599	0.911	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2104	0.947	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	262	0.708	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	1289	0.905	ug/l	99
94) Hexachlorobutadiene	13.731	225	836	1.301	ug/l	92
95) Naphthalene	13.780	128	3713	0.825	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	1161	0.856	ug/l	90

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

