

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022532.D
 Acq On : 07 Jun 2021 13:39
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:58:12 PM

Quant Time: Jun 07 14:10:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 12:49:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	67207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	125545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51000	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	690	0.842	ug/l	88
3) Chloromethane	1.294	50	872	0.984	ug/l #	87
4) Vinyl Chloride	1.374	62	853	0.919	ug/l #	77
6) Chloroethane	1.685	64	636	1.147	ug/l	98
7) Trichlorofluoromethane	1.886	101	1408	1.049	ug/l	83
8) Diethyl Ether	2.136	74	480	0.839	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.331	101	928	1.157	ug/l #	86
12) 1,1-Dichloroethene	2.325	96	949	1.218	ug/l #	68
14) Allyl chloride	2.666	41	1437	0.997	ug/l #	90
15) Acrylonitrile	3.081	53	2524	5.260	ug/l	96
16) Acetone	2.386	43	3020	6.506	ug/l	94
17) Carbon Disulfide	2.514	76	2690	1.336	ug/l #	93
18) Methyl Acetate	2.715	43	1478	1.183	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	2470	0.926	ug/l	98
20) Methylene Chloride	2.794	84	1396	1.373	ug/l #	94
21) trans-1,2-Dichloroethene	3.093	96	1083	1.276	ug/l	86
22) Diisopropyl ether	3.770	45	2786	1.002	ug/l #	92
23) Vinyl Acetate	3.733	43	12338	4.605	ug/l #	92
24) 1,1-Dichloroethane	3.617	63	1686	1.037	ug/l #	81
25) 2-Butanone	4.568	43	4167	5.541	ug/l	97
26) 2,2-Dichloropropane	4.483	77	1170	0.824	ug/l #	70
27) cis-1,2-Dichloroethene	4.495	96	1100	1.071	ug/l #	18
28) Bromochloromethane	4.910	49	939	1.189	ug/l #	78
29) Tetrahydrofuran	5.031	42	2446	5.444	ug/l #	60
30) Chloroform	5.105	83	1663	0.995	ug/l #	80
32) 1,1,1-Trichloroethane	5.403	97	1237	0.871	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	1341	1.020	ug/l	91
37) Ethyl Acetate	4.739	43	1552	0.954	ug/l #	81
38) Carbon Tetrachloride	5.684	117	876m	0.697	ug/l	
39) Methylcyclohexane	7.379	83	1573	1.059	ug/l #	83
40) Benzene	6.043	78	3836	0.949	ug/l	100
41) Methacrylonitrile	4.934	41	950	1.095	ug/l #	66
42) 1,2-Dichloroethane	6.098	62	1493	1.047	ug/l #	73
43) Isopropyl Acetate	6.354	43	2415	0.910	ug/l #	84
44) Trichloroethene	7.135	130	972	0.978	ug/l	76
45) 1,2-Dichloropropane	7.434	63	854	0.832	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	698	1.007	ug/l #	84
47) Bromodichloromethane	7.830	83	983	0.716	ug/l #	82
48) Methyl methacrylate	7.702	41	1140	0.933	ug/l	90
49) 1,4-Dioxane	7.671	88	474	19.884	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	7211	4.515	ug/l	92
52) Toluene	8.726	92	2641	1.039	ug/l	78
53) t-1,3-Dichloropropene	8.988	75	1230	0.773	ug/l #	71
54) cis-1,3-Dichloropropene	8.372	75	1138	0.663	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	755	0.732	ug/l	88
56) Ethyl methacrylate	9.116	69	1338	0.803	ug/l #	74
57) 1,3-Dichloropropane	9.311	76	1579	0.890	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.244	63	6286	6.906	ug/l	92
59) 2-Hexanone	9.433	43	5438	4.518	ug/l	83
60) Dibromochloromethane	9.525	129	552	0.564	ug/l	90
61) 1,2-Dibromoethane	9.622	107	1055	1.025	ug/l	82
64) Tetrachloroethene	9.275	164	915	1.102	ug/l #	84
65) Chlorobenzene	10.085	112	2442	0.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.171	131	588	0.654	ug/l #	59
67) Ethyl Benzene	10.195	91	4228	0.876	ug/l	89
68) m/p-Xylenes	10.305	106	3073	1.690	ug/l	99
69) o-Xylene	10.646	106	1358	0.768	ug/l	77
70) Styrene	10.659	104	2371	0.818	ug/l	97
71) Bromoform	10.799	173	291	0.481	ug/l #	69
73) Isopropylbenzene	10.969	105	3724	0.861	ug/l	98
74) N-amyl acetate	10.848	43	1877	0.899	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.219	83	1284	0.887	ug/l	91
76) 1,2,3-Trichloropropane	11.238	75	1049m	0.824	ug/l	
77) Bromobenzene	11.201	156	877	0.963	ug/l	76
78) n-propylbenzene	11.311	91	4802	0.948	ug/l	95
79) 2-Chlorotoluene	11.366	91	2713	0.885	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	3466	0.969	ug/l	98
82) 4-Chlorotoluene	11.457	91	3050	0.859	ug/l	99
83) tert-Butylbenzene	11.719	119	2713	0.795	ug/l	79
84) 1,2,4-Trimethylbenzene	11.756	105	3188	0.884	ug/l	97
85) sec-Butylbenzene	11.890	105	3951	0.908	ug/l	96
86) p-Isopropyltoluene	12.012	119	3189	0.869	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	1742	0.990	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	2082m	1.144	ug/l	
89) n-Butylbenzene	12.335	91	3167	0.929	ug/l	96
90) Hexachloroethane	12.536	117	360	0.610	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	1497	0.886	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.945	75	131	0.427	ug/l	57
93) 1,2,4-Trichlorobenzene	13.591	180	1076	1.059	ug/l	85
94) Hexachlorobutadiene	13.731	225	400	1.021	ug/l	94
95) Naphthalene	13.780	128	3441	0.859	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	998	0.971	ug/l	94

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

MMDadoda
6/8/2021 6:58:12 PM

Abundance

TIC: VX022532.D\data.ms

Time-->

Chlorodifluoromethane, T
Vinyl Chloride, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
1,1,1-Trichloroethane, T
Carbon Disulfide, T
Methyl Chloride, T
1,1,1-Trichloroethane, T
1,1-Dichloroethane, P
Diisopropyl ether, T
1,2-Dichloropropane, T
Ethyl Acetate, T
Isopropyl Chloride, T
Chlorobenzene, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
Benzene, TM
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
Methyl Chloroform, T
Diisopropyl ether, T
Bromochloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
1,3-Dichloropropene, T
Ethyl Chloride, T
1,2-Dichloroethane, T
Diethylamine, T
1,2-Dichloroethane, T
1,4-Dichlorobenzene-d4, I
p-Isopropyltoluene, T
1,4-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, I
1,2,3-Trichlorobenzene, T