

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022843.D
 Acq On : 23 Jun 2021 13:18
 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
 6/24/2021 5:00:02 PM

Quant Time: Jun 23 13:41:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 13:39:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	79741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.172	85	898	0.71	ug/l #	58
3) Chloromethane	1.294	50	1282	1.00	ug/l #	87
4) Vinyl Chloride	1.373	62	985	0.78	ug/l #	73
6) Chloroethane	1.684	64	722	1.01	ug/l	91
7) Trichlorofluoromethane	1.892	101	1575	0.91	ug/l	93
8) Diethyl Ether	2.129	74	618	0.89	ug/l	60
9) 1,1,2-Trichlorotrifluo...	2.330	101	948	0.84	ug/l #	72
12) 1,1-Dichloroethene	2.318	96	978	0.89	ug/l #	76
14) Allyl chloride	2.666	41	1857	0.90	ug/l #	77
15) Acrylonitrile	3.074	53	2923	3.93	ug/l	94
16) Acetone	2.385	43	3633	5.36	ug/l	95
17) Carbon Disulfide	2.513	76	2932	1.03	ug/l #	94
18) Methyl Acetate	2.708	43	1504	0.89	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	3327	0.85	ug/l	93
20) Methylene Chloride	2.794	84	1801	1.29	ug/l #	91
21) trans-1,2-Dichloroethene	3.093	96	1212	0.99	ug/l	96
22) Diisopropyl ether	3.763	45	3743	0.88	ug/l #	75
23) Vinyl Acetate	3.733	43	13214	3.63	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	1831	0.77	ug/l #	81
25) 2-Butanone	4.574	43	4436	4.13	ug/l #	88
26) 2,2-Dichloropropane	4.470	77	1364	0.79	ug/l	82
27) cis-1,2-Dichloroethene	4.501	96	1179	0.87	ug/l	86
28) Bromochloromethane	4.903	49	962	0.92	ug/l #	76
29) Tetrahydrofuran	5.019	42	2828	4.15	ug/l #	84
30) Chloroform	5.098	83	2075	0.89	ug/l #	81
32) 1,1,1-Trichloroethane	5.391	97	1444	0.78	ug/l #	46
36) 1,1-Dichloropropene	5.696	75	1682	0.96	ug/l	91
37) Ethyl Acetate	4.720	43	1826	0.89	ug/l #	75
38) Carbon Tetrachloride	5.677	117	1124	0.75	ug/l	98
39) Methylcyclohexane	7.384	83	1696	0.83	ug/l #	84
40) Benzene	6.043	78	4541	0.91	ug/l #	90
41) Methacrylonitrile	4.952	41	1001m	0.91	ug/l	
42) 1,2-Dichloroethane	6.092	62	1497	0.80	ug/l	77
43) Isopropyl Acetate	6.342	43	2742	0.84	ug/l #	63
44) Trichloroethene	7.128	130	1151	0.95	ug/l	73
45) 1,2-Dichloropropane	7.439	63	1076	0.81	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	765	0.90	ug/l	89
47) Bromodichloromethane	7.823	83	1099	0.72	ug/l #	92
48) Methyl methacrylate	7.695	41	1176	0.77	ug/l #	79
49) 1,4-Dioxane	7.671	88	551	17.27	ug/l #	95
51) 4-Methyl-2-Pentanone	8.579	43	7801	3.81	ug/l	89
52) Toluene	8.720	92	2680	0.88	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	1214	0.70	ug/l #	81
54) cis-1,3-Dichloropropene	8.372	75	1451	0.75	ug/l	89
55) 1,1,2-Trichloroethane	9.152	97	1074	0.87	ug/l #	74
56) Ethyl methacrylate	9.116	69	1512	0.77	ug/l #	68
57) 1,3-Dichloropropane	9.311	76	1950	0.87	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.244	63	3495	3.53	ug/l	94
59) 2-Hexanone	9.433	43	5845	3.80	ug/l	80
60) Dibromochloromethane	9.524	129	770	0.77	ug/l	89
61) 1,2-Dibromoethane	9.616	107	1079	0.89	ug/l	94
64) Tetrachloroethene	9.268	164	1005	0.98	ug/l #	66
65) Chlorobenzene	10.085	112	2929	0.94	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.158	131	748	0.73	ug/l #	65
67) Ethyl Benzene	10.195	91	4866	0.85	ug/l	89
68) m/p-Xylenes	10.305	106	3710	1.78	ug/l	94
69) o-Xylene	10.646	106	1751	0.86	ug/l	98
70) Styrene	10.658	104	2751	0.81	ug/l	93
71) Bromoform	10.805	173	304	0.54	ug/l #	95
73) Isopropylbenzene	10.969	105	4328	0.85	ug/l	96
74) N-amyl acetate	10.847	43	1775	0.69	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	1516	0.86	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1263m	0.78	ug/l	
77) Bromobenzene	11.201	156	959	0.89	ug/l	86
78) n-propylbenzene	11.305	91	5095	0.82	ug/l	96
79) 2-Chlorotoluene	11.365	91	3138	0.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	3352	0.80	ug/l	98
82) 4-Chlorotoluene	11.457	91	3846	0.91	ug/l	96
83) tert-Butylbenzene	11.719	119	3426	0.87	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	3166	0.74	ug/l	90
85) sec-Butylbenzene	11.890	105	4405	0.83	ug/l	95
86) p-Isopropyltoluene	12.012	119	3282	0.77	ug/l	83
87) 1,3-Dichlorobenzene	11.969	146	1800	0.87	ug/l	92
88) 1,4-Dichlorobenzene	12.042	146	2144m	0.99	ug/l	
89) n-Butylbenzene	12.335	91	3027	0.75	ug/l	98
90) Hexachloroethane	12.542	117	453	0.69	ug/l	55
91) 1,2-Dichlorobenzene	12.341	146	1831	0.92	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	230	0.68	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.591	180	911	0.78	ug/l	97
94) Hexachlorobutadiene	13.725	225	438	1.04	ug/l	97
95) Naphthalene	13.780	128	2948	0.67	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	864	0.75	ug/l	89

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

