

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022631.D
 Acq On : 10 Jun 2021 09:51
 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
 6/11/2021 6:08:29 PM

Quant Time: Jun 10 11:37:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:37:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	68478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50552	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	659	0.825	ug/l	75
3) Chloromethane	1.294	50	935	0.969	ug/l	100
4) Vinyl Chloride	1.374	62	959	1.019	ug/l #	85
6) Chloroethane	1.685	64	580	0.978	ug/l #	82
7) Trichlorofluoromethane	1.892	101	1283	0.936	ug/l	92
8) Diethyl Ether	2.142	74	527	0.943	ug/l	66
9) 1,1,2-Trichlorotrifluo...	2.325	101	747	0.889	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	833	0.959	ug/l	89
14) Allyl chloride	2.666	41	1435	0.901	ug/l #	79
15) Acrylonitrile	3.068	53	2392	4.202	ug/l	96
16) Acetone	2.386	43	2988	5.462	ug/l #	82
17) Carbon Disulfide	2.514	76	1636	0.780	ug/l	99
18) Methyl Acetate	2.715	43	1918	1.271	ug/l #	82
19) Methyl tert-butyl Ether	3.123	73	2515	0.869	ug/l #	75
20) Methylene Chloride	2.788	84	1591	1.393	ug/l #	89
21) trans-1,2-Dichloroethene	3.099	96	821	0.840	ug/l #	78
22) Diisopropyl ether	3.770	45	2674	0.837	ug/l #	89
23) Vinyl Acetate	3.733	43	11076	3.685	ug/l #	88
24) 1,1-Dichloroethane	3.617	63	1681	0.925	ug/l #	81
25) 2-Butanone	4.568	43	3931	4.348	ug/l	93
26) 2,2-Dichloropropane	4.483	77	1103	0.792	ug/l #	69
27) cis-1,2-Dichloroethene	4.501	96	1089	0.949	ug/l	93
28) Bromochloromethane	4.897	49	717	0.780	ug/l #	9
29) Tetrahydrofuran	5.025	42	2157	4.066	ug/l #	74
30) Chloroform	5.105	83	1644	0.900	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	1037m	0.716	ug/l	
36) 1,1-Dichloropropene	5.690	75	1406	1.059	ug/l #	85
37) Ethyl Acetate	4.727	43	1679	0.986	ug/l #	78
38) Carbon Tetrachloride	5.684	117	1038	0.932	ug/l #	66
39) Methylcyclohexane	7.385	83	1265	0.880	ug/l	89
40) Benzene	6.044	78	3515	0.858	ug/l	100
41) Methacrylonitrile	4.928	41	794m	0.847	ug/l	
42) 1,2-Dichloroethane	6.086	62	1370	0.907	ug/l	77
43) Isopropyl Acetate	6.342	43	2260	0.818	ug/l #	88
44) Trichloroethene	7.135	130	874	0.904	ug/l	66
45) 1,2-Dichloropropane	7.440	63	936	0.888	ug/l #	70

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	510	0.710	ug/l #	84
47) Bromodichloromethane	7.824	83	970	0.779	ug/l #	96
48) Methyl methacrylate	7.696	41	1105	0.859	ug/l #	52
49) 1,4-Dioxane	7.665	88	418	16.073	ug/l #	72
51) 4-Methyl-2-Pentanone	8.580	43	6961	4.043	ug/l	94
52) Toluene	8.720	92	2216	0.861	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	1029	0.699	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	1097	0.694	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	899	0.896	ug/l #	83
56) Ethyl methacrylate	9.122	69	1274	0.771	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	1455	0.802	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.244	63	4468	4.607	ug/l	100
59) 2-Hexanone	9.433	43	5209	3.961	ug/l	84
60) Dibromochloromethane	9.518	129	543	0.651	ug/l	93
61) 1,2-Dibromoethane	9.616	107	909	0.859	ug/l	82
64) Tetrachloroethene	9.275	164	790	0.953	ug/l #	85
65) Chlorobenzene	10.085	112	2324	0.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	597	0.736	ug/l #	60
67) Ethyl Benzene	10.195	91	3961	0.837	ug/l	99
68) m/p-Xylenes	10.305	106	2832	1.646	ug/l	95
69) o-Xylene	10.640	106	1244	0.739	ug/l	71
70) Styrene	10.652	104	2038	0.716	ug/l #	92
71) Bromoform	10.799	173	306	0.637	ug/l #	80
73) Isopropylbenzene	10.963	105	3512	0.852	ug/l	99
74) N-amyl acetate	10.841	43	1691	0.765	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	1146	0.773	ug/l #	88
76) 1,2,3-Trichloropropane	11.244	75	1108m	0.846	ug/l	
77) Bromobenzene	11.201	156	804	0.906	ug/l	72
78) n-propylbenzene	11.305	91	4408	0.882	ug/l	99
79) 2-Chlorotoluene	11.366	91	2727	0.916	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	2716	0.772	ug/l	97
82) 4-Chlorotoluene	11.457	91	3060	0.888	ug/l	98
83) tert-Butylbenzene	11.719	119	2946	0.939	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	2849	0.805	ug/l	98
85) sec-Butylbenzene	11.896	105	3594	0.861	ug/l	94
86) p-Isopropyltoluene	12.012	119	2821	0.818	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	1491	0.865	ug/l	90
88) 1,4-Dichlorobenzene	12.049	146	1594m	0.888	ug/l	
89) n-Butylbenzene	12.335	91	2711	0.819	ug/l	96
90) Hexachloroethane	12.542	117	341	0.707	ug/l	67
91) 1,2-Dichlorobenzene	12.341	146	1429	0.873	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.939	75	149	0.548	ug/l #	66
93) 1,2,4-Trichlorobenzene	13.591	180	939	0.955	ug/l	83
94) Hexachlorobutadiene	13.725	225	343	0.973	ug/l	78
95) Naphthalene	13.774	128	2692	0.683	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	815	0.829	ug/l	84

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

