

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023368.D
 Acq On : 22 Jul 2021 09:57
 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
 7/23/2021 5:13:20 PM

Quant Time: Jul 22 11:27:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 22 11:25:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	232216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	374018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	16323	5.294	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.580%#
35) Dibromofluoromethane	5.397	113	12829	5.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.620%#
50) Toluene-d8	8.653	98	47100	5.257	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.520%#
62) 4-Bromofluorobenzene	11.085	95	14412	4.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.540%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	10920	5.179	ug/l	99
3) Chloromethane	1.294	50	12984	5.997	ug/l	96
4) Vinyl Chloride	1.373	62	13310	5.874	ug/l	91
5) Bromomethane	1.599	94	8524	6.607	ug/l	93
6) Chloroethane	1.678	64	8176	5.572	ug/l	91
7) Trichlorofluoromethane	1.879	101	22050	5.692	ug/l	96
8) Diethyl Ether	2.136	74	7634	5.310	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	12188	5.383	ug/l	91
10) Methyl Iodide	2.453	142	12184	4.307	ug/l	98
11) Tert butyl alcohol	2.977	59	17104	25.559	ug/l	96
12) 1,1-Dichloroethene	2.318	96	11988	5.686	ug/l	96
13) Acrolein	2.245	56	11348	27.124	ug/l	100
14) Allyl chloride	2.666	41	21403	5.787	ug/l	94
15) Acrylonitrile	3.074	53	39863	30.086	ug/l	99
16) Acetone	2.392	43	37831	29.784	ug/l	95
17) Carbon Disulfide	2.507	76	27740	6.000	ug/l	98
18) Methyl Acetate	2.709	43	17687	5.749	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	41326	5.284	ug/l	100
20) Methylene Chloride	2.794	84	15115	5.614	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	12612	5.530	ug/l	92
22) Diisopropyl ether	3.769	45	43224	5.587	ug/l	94
23) Vinyl Acetate	3.733	43	186208	28.243	ug/l	95
24) 1,1-Dichloroethane	3.617	63	23728	5.454	ug/l	95
25) 2-Butanone	4.568	43	57476	29.714	ug/l	93
26) 2,2-Dichloropropane	4.483	77	19001	5.236	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	14743	5.372	ug/l	98
28) Bromochloromethane	4.903	49	11650	5.673	ug/l	95
29) Tetrahydrofuran	5.019	42	37665	30.154	ug/l	90
30) Chloroform	5.104	83	23946	5.157	ug/l	89
31) Cyclohexane	5.482	56	22396	5.791	ug/l #	87
32) 1,1,1-Trichloroethane	5.397	97	20081	4.959	ug/l	98
36) 1,1-Dichloropropene	5.702	75	17582	5.226	ug/l	97
37) Ethyl Acetate	4.720	43	21945	5.860	ug/l	97
38) Carbon Tetrachloride	5.684	117	17149	4.928	ug/l	99
39) Methylcyclohexane	7.385	83	21761	5.446	ug/l	93
40) Benzene	6.043	78	53395	5.456	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11575	5.568	ug/l	91
42) 1,2-Dichloroethane	6.098	62	19461	5.043	ug/l	97
43) Isopropyl Acetate	6.354	43	34956	5.650	ug/l	92
44) Trichloroethene	7.129	130	13885	5.025	ug/l	93
45) 1,2-Dichloropropane	7.439	63	13975	5.448	ug/l	90
46) Dibromomethane	7.586	93	9299	5.127	ug/l	98
47) Bromodichloromethane	7.830	83	15891	4.817	ug/l #	98
48) Methyl methacrylate	7.696	41	15566	5.174	ug/l	90
49) 1,4-Dioxane	7.665	88	6812	102.320	ug/l #	92
51) 4-Methyl-2-Pentanone	8.579	43	107971	28.192	ug/l	88
52) Toluene	8.720	92	32611	5.185	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	17309	4.766	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	19473	5.040	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	13005	4.929	ug/l	98
56) Ethyl methacrylate	9.122	69	19507	4.754	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	22674	5.189	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	52702	26.481	ug/l	97
59) 2-Hexanone	9.433	43	79887	27.278	ug/l	87
60) Dibromochloromethane	9.524	129	11664	4.592	ug/l	99
61) 1,2-Dibromoethane	9.616	107	13258	4.898	ug/l	97
64) Tetrachloroethene	9.274	164	13837	5.366	ug/l	89
65) Chlorobenzene	10.085	112	34481	5.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	11722	5.050	ug/l	98
67) Ethyl Benzene	10.195	91	58119	5.125	ug/l	98
68) m/p-Xylenes	10.305	106	46144	10.658	ug/l	95
69) o-Xylene	10.646	106	22374	5.153	ug/l	94
70) Styrene	10.658	104	33811	4.789	ug/l	98
71) Bromoform	10.805	173	7561	4.599	ug/l #	96
73) Isopropylbenzene	10.963	105	58029	5.727	ug/l	98
74) N-amyl acetate	10.847	43	24195	5.542	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	18734	5.796	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	16441m	5.674	ug/l	
77) Bromobenzene	11.201	156	13393	5.317	ug/l	96
78) n-propylbenzene	11.305	91	62607	5.355	ug/l	99
79) 2-Chlorotoluene	11.366	91	37283	5.200	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	46186	5.354	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	4830	4.911	ug/l #	83
82) 4-Chlorotoluene	11.457	91	42459	5.261	ug/l	97
83) tert-Butylbenzene	11.719	119	45694	5.552	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	46778	5.496	ug/l	99
85) sec-Butylbenzene	11.896	105	57836	5.472	ug/l	99
86) p-Isopropyltoluene	12.012	119	45294	5.126	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	24551	5.237	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	24748	5.254	ug/l	94
89) n-Butylbenzene	12.335	91	39204	5.062	ug/l	98
90) Hexachloroethane	12.542	117	6800	5.166	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	23776	5.133	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3584	5.209	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	13985	4.862	ug/l	97
94) Hexachlorobutadiene	13.725	225	6686	5.467	ug/l	97
95) Naphthalene	13.780	128	48361	5.031	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	14129	4.894	ug/l	98

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

