

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090821\
 Data File : VX024136.D
 Acq On : 08 Sep 2021 15:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:51:33 AM

Quant Time: Sep 09 05:45:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	160426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124255	55.495	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.980%			
35) Dibromofluoromethane	5.391	113	94248	57.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.040%			
50) Toluene-d8	8.653	98	329936	52.908	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.820%			
62) 4-Bromofluorobenzene	11.085	95	140675	61.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	94298	55.712	ug/l	99
3) Chloromethane	1.294	50	86773	46.700	ug/l	100
4) Vinyl Chloride	1.374	62	87211	48.125	ug/l	99
5) Bromomethane	1.599	94	54400	47.746	ug/l	99
6) Chloroethane	1.678	64	56201	41.971	ug/l	100
7) Trichlorofluoromethane	1.880	101	152173	53.175	ug/l	97
8) Diethyl Ether	2.136	74	50227	50.258	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	86174	53.514	ug/l	96
10) Methyl Iodide	2.453	142	110212	49.154	ug/l	92
11) Tert butyl alcohol	2.977	59	108847	240.384	ug/l	100
12) 1,1-Dichloroethene	2.319	96	80982	52.599	ug/l	92
13) Acrolein	2.239	56	58285	216.305	ug/l	99
14) Allyl chloride	2.666	41	141871	50.001	ug/l	89
15) Acrylonitrile	3.068	53	240882	238.759	ug/l	98
16) Acetone	2.386	43	247298	247.018	ug/l	91
17) Carbon Disulfide	2.514	76	193037	52.570	ug/l	99
18) Methyl Acetate	2.709	43	149544	59.836	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	291162	54.337	ug/l	99
20) Methylene Chloride	2.794	84	94420	49.375	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	89803	54.608	ug/l	96
22) Diisopropyl ether	3.769	45	295239	52.244	ug/l	96
23) Vinyl Acetate	3.727	43	1265037	276.726	ug/l	94
24) 1,1-Dichloroethane	3.611	63	163573	52.010	ug/l	98
25) 2-Butanone	4.562	43	363215	239.530	ug/l	95
26) 2,2-Dichloropropane	4.483	77	149275	57.830	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	103583	52.935	ug/l	96
28) Bromochloromethane	4.897	49	70380	49.216	ug/l	95
29) Tetrahydrofuran	5.013	42	231476	235.672	ug/l	90
30) Chloroform	5.099	83	178323	53.549	ug/l	98
31) Cyclohexane	5.476	56	145507	50.583	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	164807	57.797	ug/l	98
36) 1,1-Dichloropropene	5.696	75	129368	56.431	ug/l	99
37) Ethyl Acetate	4.721	43	136562	48.461	ug/l #	94
38) Carbon Tetrachloride	5.678	117	145213	60.745	ug/l	99
39) Methylcyclohexane	7.385	83	161308	57.789	ug/l	96
40) Benzene	6.043	78	372205	54.907	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	76953	50.374	ug/l	92
42) 1,2-Dichloroethane	6.092	62	157037	58.943	ug/l	94
43) Isopropyl Acetate	6.348	43	228002	51.727	ug/l	93
44) Trichloroethene	7.129	130	104619	55.869	ug/l	100
45) 1,2-Dichloropropane	7.433	63	97259	54.031	ug/l	99
46) Dibromomethane	7.586	93	70260	56.089	ug/l	98
47) Bromodichloromethane	7.824	83	136557	60.260	ug/l	99
48) Methyl methacrylate	7.696	41	141377	65.749	ug/l	85
49) 1,4-Dioxane	7.665	88	44385	976.678	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	744608	261.330	ug/l	90
52) Toluene	8.720	92	245472	55.883	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	153544	52.351	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	160414	58.419	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	101820	56.303	ug/l	98
56) Ethyl methacrylate	9.122	69	124009	40.282	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	165663	55.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	359124	246.616	ug/l	98
59) 2-Hexanone	9.433	43	585229	267.205	ug/l	88
60) Dibromochloromethane	9.525	129	108980	54.411	ug/l	98
61) 1,2-Dibromoethane	9.610	107	109417	57.273	ug/l	100
64) Tetrachloroethene	9.275	164	106465	56.193	ug/l	93
65) Chlorobenzene	10.079	112	275017	55.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	104811	59.492	ug/l	100
67) Ethyl Benzene	10.195	91	496023	57.384	ug/l	100
68) m/p-Xylenes	10.305	106	380808	115.662	ug/l	99
69) o-Xylene	10.646	106	183290	56.650	ug/l	99
70) Styrene	10.659	104	281587	53.422	ug/l	96
71) Bromoform	10.805	173	80298	55.855	ug/l #	100
73) Isopropylbenzene	10.963	105	505018	52.723	ug/l	99
74) N-amyl acetate	10.847	43	210495	48.627	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	154148	49.104	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	148390m	50.654	ug/l	
77) Bromobenzene	11.201	156	128460	54.450	ug/l	94
78) n-propylbenzene	11.305	91	583974	53.303	ug/l	99
79) 2-Chlorotoluene	11.366	91	347102	52.418	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	439918	55.886	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	50942	51.152	ug/l	90
82) 4-Chlorotoluene	11.457	91	414397	55.134	ug/l	99
83) tert-Butylbenzene	11.719	119	414125	54.169	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	441822	56.293	ug/l	98
85) sec-Butylbenzene	11.896	105	504797	52.153	ug/l	100
86) p-Isopropyltoluene	12.012	119	462098	58.008	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	227081	53.201	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	224567	52.751	ug/l	98
89) n-Butylbenzene	12.335	91	411332	57.830	ug/l	97
90) Hexachloroethane	12.542	117	74237	53.360	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	215388	52.087	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34730	47.306	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	140494	56.452	ug/l	98
94) Hexachlorobutadiene	13.725	225	66626	60.063	ug/l	98
95) Naphthalene	13.780	128	451914	49.219	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141156	56.950	ug/l	99

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

