

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024068.D
 Acq On : 02 Sep 2021 12:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:36:33 PM

Quant Time: Sep 02 16:10:29 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	145405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101940	50.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.460%			
35) Dibromofluoromethane	5.391	113	78895	53.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	8.653	98	273575	48.618	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.240%			
62) 4-Bromofluorobenzene	11.085	95	109272	52.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	76282	49.724	ug/l	98
3) Chloromethane	1.295	50	75093	44.589	ug/l	100
4) Vinyl Chloride	1.380	62	75675	46.073	ug/l	100
5) Bromomethane	1.599	94	50304	48.712	ug/l	97
6) Chloroethane	1.679	64	49758	40.924	ug/l	98
7) Trichlorofluoromethane	1.886	101	134529	51.866	ug/l	100
8) Diethyl Ether	2.136	74	45540	50.276	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	79187	54.255	ug/l	95
10) Methyl Iodide	2.453	142	105889	52.104	ug/l	92
11) Tert butyl alcohol	2.977	59	96451	235.013	ug/l	97
12) 1,1-Dichloroethene	2.319	96	72275	51.793	ug/l	95
13) Acrolein	2.239	56	67710	277.242	ug/l	98
14) Allyl chloride	2.666	41	131738	51.226	ug/l	88
15) Acrylonitrile	3.069	53	217419	237.765	ug/l	98
16) Acetone	2.386	43	245839	270.928	ug/l	89
17) Carbon Disulfide	2.514	76	184061	55.303	ug/l	100
18) Methyl Acetate	2.709	43	107503	47.458	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	265946	54.758	ug/l	99
20) Methylene Chloride	2.794	84	84108	48.526	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	78874	52.917	ug/l	93
22) Diisopropyl ether	3.770	45	263813	51.506	ug/l	98
23) Vinyl Acetate	3.727	43	1098132	265.031	ug/l	94
24) 1,1-Dichloroethane	3.611	63	151232	53.053	ug/l	98
25) 2-Butanone	4.562	43	342653	249.314	ug/l	92
26) 2,2-Dichloropropane	4.483	77	137312	58.691	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	91543	51.615	ug/l	95
28) Bromochloromethane	4.904	49	60086	46.358	ug/l	96
29) Tetrahydrofuran	5.013	42	204107	229.274	ug/l	90
30) Chloroform	5.099	83	162146	53.721	ug/l	98
31) Cyclohexane	5.477	56	129963	49.847	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	149700	57.922	ug/l	98
36) 1,1-Dichloropropene	5.696	75	114878	55.534	ug/l	99
37) Ethyl Acetate	4.721	43	125612	49.400	ug/l #	93
38) Carbon Tetrachloride	5.678	117	134755	62.471	ug/l	99
39) Methylcyclohexane	7.385	83	141491	56.176	ug/l	99
40) Benzene	6.044	78	327873	53.602	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	68159	49.446	ug/l	91
42) 1,2-Dichloroethane	6.086	62	138595	57.651	ug/l	94
43) Isopropyl Acetate	6.348	43	209418	52.653	ug/l	92
44) Trichloroethene	7.129	130	93356	55.250	ug/l	97
45) 1,2-Dichloropropane	7.434	63	87823	54.070	ug/l	93
46) Dibromomethane	7.580	93	63294	55.996	ug/l	99
47) Bromodichloromethane	7.824	83	127089	62.152	ug/l	98
48) Methyl methacrylate	7.696	41	103928	53.564	ug/l	84
49) 1,4-Dioxane	7.665	88	38988	950.773	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	672109	261.416	ug/l	90
52) Toluene	8.720	92	215861	54.461	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	140216	52.955	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	144756	58.423	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	90293	55.333	ug/l	99
56) Ethyl methacrylate	9.116	69	140341	50.328	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	149906	55.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	315446	240.067	ug/l	98
59) 2-Hexanone	9.433	43	532451	269.419	ug/l	86
60) Dibromochloromethane	9.525	129	101167	55.928	ug/l	99
61) 1,2-Dibromoethane	9.610	107	96902	56.212	ug/l	100
64) Tetrachloroethene	9.275	164	95469	56.770	ug/l	96
65) Chlorobenzene	10.080	112	241840	55.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	93605	59.859	ug/l	100
67) Ethyl Benzene	10.195	91	435228	56.726	ug/l	100
68) m/p-Xylenes	10.305	106	339452	116.157	ug/l	99
69) o-Xylene	10.646	106	164466	57.269	ug/l	99
70) Styrene	10.659	104	280169	59.884	ug/l	98
71) Bromoform	10.805	173	75721	59.221	ug/l #	98
73) Isopropylbenzene	10.964	105	443649	51.869	ug/l	99
74) N-amyl acetate	10.848	43	198017	51.229	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	139241	49.674	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	133955m	51.209	ug/l	
77) Bromobenzene	11.201	156	110366	52.389	ug/l	95
78) n-propylbenzene	11.305	91	525403	53.707	ug/l	99
79) 2-Chlorotoluene	11.366	91	314626	53.210	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	386967	55.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	47549	53.469	ug/l	90
82) 4-Chlorotoluene	11.457	91	366639	54.628	ug/l	100
83) tert-Butylbenzene	11.719	119	375477	55.002	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	383941	54.783	ug/l	99
85) sec-Butylbenzene	11.896	105	482525	55.829	ug/l	100
86) p-Isopropyltoluene	12.012	119	411650	57.871	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	210376	55.197	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	213007	56.035	ug/l	99
89) n-Butylbenzene	12.335	91	365136	57.490	ug/l	97
90) Hexachloroethane	12.542	117	70721	56.829	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	203596	55.138	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31476	47.982	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	127810	57.513	ug/l	99
94) Hexachlorobutadiene	13.725	225	61436	62.025	ug/l	100
95) Naphthalene	13.780	128	400502	48.859	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	127583	57.645	ug/l	99

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

