

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090721\
 Data File : VX024115.D
 Acq On : 07 Sep 2021 13:23
 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
 9/8/2021 7:12:41 PM

Quant Time: Sep 08 13:23:40 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	190787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	298056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126394	47.467	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.940%		
35) Dibromofluoromethane	5.391	113	95916	48.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.240%		
50) Toluene-d8	8.653	98	346085	46.093	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.180%		
62) 4-Bromofluorobenzene	11.085	95	146776	53.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	106839	53.076	ug/l	98
3) Chloromethane	1.294	50	100994	45.704	ug/l	100
4) Vinyl Chloride	1.380	62	101810	47.241	ug/l	99
5) Bromomethane	1.599	94	63800	47.085	ug/l	98
6) Chloroethane	1.678	64	65139	40.824	ug/l	99
7) Trichlorofluoromethane	1.886	101	173150	50.877	ug/l	100
8) Diethyl Ether	2.142	74	57242	48.163	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	98021	51.184	ug/l	95
10) Methyl Iodide	2.453	142	128225	48.087	ug/l	92
11) Tert butyl alcohol	2.983	59	128441	238.517	ug/l	99
12) 1,1-Dichloroethene	2.319	96	94286	51.495	ug/l	93
13) Acrolein	2.239	56	75060	234.231	ug/l	99
14) Allyl chloride	2.666	41	164464	48.740	ug/l	89
15) Acrylonitrile	3.068	53	271778	226.514	ug/l	97
16) Acetone	2.386	43	318128	267.199	ug/l	88
17) Carbon Disulfide	2.514	76	230252	52.726	ug/l	100
18) Methyl Acetate	2.709	43	161654	54.389	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	341469	53.584	ug/l	100
20) Methylene Chloride	2.794	84	107350	47.203	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	101020	51.653	ug/l	90
22) Diisopropyl ether	3.770	45	336733	50.105	ug/l	98
23) Vinyl Acetate	3.727	43	1461019	268.738	ug/l	95
24) 1,1-Dichloroethane	3.617	63	188210	50.320	ug/l	99
25) 2-Butanone	4.562	43	428522	237.627	ug/l	94
26) 2,2-Dichloropropane	4.483	77	179508	58.476	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	119686	51.430	ug/l	95
28) Bromochloromethane	4.904	49	73334	43.121	ug/l	97
29) Tetrahydrofuran	5.013	42	258967	221.703	ug/l	92
30) Chloroform	5.099	83	204179	51.556	ug/l	99
31) Cyclohexane	5.477	56	171594	50.159	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	189028	55.742	ug/l	99
36) 1,1-Dichloropropene	5.696	75	151373	54.841	ug/l	99
37) Ethyl Acetate	4.727	43	158326	46.663	ug/l	95
38) Carbon Tetrachloride	5.684	117	165762	57.591	ug/l	99
39) Methylcyclohexane	7.385	83	188956	56.223	ug/l	97
40) Benzene	6.044	78	427058	52.324	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	87270	47.447	ug/l	92
42) 1,2-Dichloroethane	6.092	62	176448	55.006	ug/l	95
43) Isopropyl Acetate	6.348	43	265805	50.084	ug/l	93
44) Trichloroethene	7.129	130	121087	53.705	ug/l	99
45) 1,2-Dichloropropane	7.434	63	112010	51.682	ug/l	98
46) Dibromomethane	7.586	93	79975	53.025	ug/l	99
47) Bromodichloromethane	7.824	83	158845	58.217	ug/l	99
48) Methyl methacrylate	7.696	41	162794	62.880	ug/l	86
49) 1,4-Dioxane	7.659	88	53091	970.286	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	843654	245.917	ug/l	91
52) Toluene	8.720	92	284864	53.862	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	181692	51.487	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	189385	57.283	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	117114	53.786	ug/l	98
56) Ethyl methacrylate	9.116	69	144309	38.958	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	192432	53.285	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	410475	234.114	ug/l	98
59) 2-Hexanone	9.433	43	683845	259.322	ug/l	88
60) Dibromochloromethane	9.525	129	128693	53.397	ug/l	99
61) 1,2-Dibromoethane	9.610	107	126606	55.040	ug/l	100
64) Tetrachloroethene	9.275	164	120727	53.324	ug/l	94
65) Chlorobenzene	10.079	112	318515	53.848	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	120965	57.458	ug/l	100
67) Ethyl Benzene	10.195	91	579899	56.141	ug/l	100
68) m/p-Xylenes	10.305	106	438161	111.368	ug/l	97
69) o-Xylene	10.646	106	213327	55.176	ug/l	99
70) Styrene	10.659	104	326953	51.908	ug/l	96
71) Bromoform	10.805	173	93851	54.673	ug/l #	100
73) Isopropylbenzene	10.963	105	588268	52.252	ug/l	100
74) N-amyl acetate	10.848	43	247533	48.652	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	177133	48.009	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	172801m	50.187	ug/l	
77) Bromobenzene	11.201	156	146454	52.816	ug/l	96
78) n-propylbenzene	11.305	91	673114	52.274	ug/l	99
79) 2-Chlorotoluene	11.366	91	402151	51.671	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	508204	54.930	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	61108	52.206	ug/l	93
82) 4-Chlorotoluene	11.457	91	475859	53.866	ug/l	99
83) tert-Butylbenzene	11.719	119	489480	54.474	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	503140	54.542	ug/l	99
85) sec-Butylbenzene	11.896	105	581846	51.146	ug/l	99
86) p-Isopropyltoluene	12.012	119	534376	57.074	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	262496	52.324	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	262236	52.410	ug/l	99
89) n-Butylbenzene	12.335	91	480362	57.460	ug/l	97
90) Hexachloroethane	12.542	117	85800	52.495	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	247243	50.871	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39611	45.970	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	164333	56.180	ug/l	98
94) Hexachlorobutadiene	13.725	225	77204	59.217	ug/l	99
95) Naphthalene	13.780	128	526825	48.829	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	164435	56.445	ug/l	99

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

