

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024538.D
 Acq On : 04 Oct 2021 22:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 6:04:53 PM

Quant Time: Oct 05 03:23:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	160929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	280615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107537	47.41	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.82%		
35) Dibromofluoromethane	5.397	113	77822	41.75	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.50%		
50) Toluene-d8	8.653	98	312987	45.62	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.24%#		
62) 4-Bromofluorobenzene	11.085	95	122004	45.23	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.46%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	79101	48.85	ug/l	99
3) Chloromethane	1.294	50	67579	44.27	ug/l	100
4) Vinyl Chloride	1.374	62	67423	42.23	ug/l	99
5) Bromomethane	1.599	94	45112	41.98	ug/l	97
6) Chloroethane	1.678	64	43683	41.12	ug/l	93
7) Trichlorofluoromethane	1.880	101	119014	42.24	ug/l	97
8) Diethyl Ether	2.136	74	41248	43.01	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	72526	45.65	ug/l	96
10) Methyl Iodide	2.453	142	101168	45.51	ug/l	91
11) Tert butyl alcohol	2.983	59	125824	237.93	ug/l	98
12) 1,1-Dichloroethene	2.319	96	68237	46.26	ug/l	96
13) Acrolein	2.239	56	33060	268.72	ug/l	95
14) Allyl chloride	2.666	41	128921	47.80	ug/l	91
15) Acrylonitrile	3.068	53	279506	271.26	ug/l	98
16) Acetone	2.386	43	229334	239.21	ug/l	89
17) Carbon Disulfide	2.508	76	157570	41.47	ug/l	100
18) Methyl Acetate	2.709	43	161971	47.69	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	301973	54.32	ug/l	100
20) Methylene Chloride	2.788	84	85330	50.29	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	86961	51.91	ug/l	98
22) Diisopropyl ether	3.770	45	295751	53.67	ug/l	95
23) Vinyl Acetate	3.727	43	1186141	265.82	ug/l	95
24) 1,1-Dichloroethane	3.611	63	166604	54.45	ug/l	98
25) 2-Butanone	4.568	43	402559	257.72	ug/l	96
26) 2,2-Dichloropropane	4.483	77	120052	43.62	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	103466	52.84	ug/l	99
28) Bromochloromethane	4.904	49	68568	49.37	ug/l	98
29) Tetrahydrofuran	5.019	42	248657	249.83	ug/l	90
30) Chloroform	5.105	83	165473	48.97	ug/l	95
31) Cyclohexane	5.477	56	125801	46.32	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	148815	49.61	ug/l	99
36) 1,1-Dichloropropene	5.696	75	122098	45.39	ug/l	99
37) Ethyl Acetate	4.727	43	149762	44.59	ug/l	96
38) Carbon Tetrachloride	5.684	117	135120	46.14	ug/l	98
39) Methylcyclohexane	7.385	83	144244	45.79	ug/l	97
40) Benzene	6.044	78	367508	47.78	ug/l	100

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41) Methacrylonitrile	4.934	41	82134	47.35	ug/l	94
42) 1,2-Dichloroethane	6.092	62	142049	43.97	ug/l	96
43) Isopropyl Acetate	6.348	43	232913	45.61	ug/l	95
44) Trichloroethene	7.129	130	101006	47.72	ug/l	96
45) 1,2-Dichloropropane	7.440	63	97132	48.94	ug/l	97
46) Dibromomethane	7.586	93	64652	43.44	ug/l	98
47) Bromodichloromethane	7.830	83	131171	48.09	ug/l	99
48) Methyl methacrylate	7.702	41	115174	45.55	ug/l	92
49) 1,4-Dioxane	7.665	88	52942	914.19	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	756147	224.31	ug/l	92
52) Toluene	8.720	92	239032	48.10	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	144459	46.73	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	150511	47.88	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	103173	50.21	ug/l	97
56) Ethyl methacrylate	9.122	69	162064	49.56	ug/l	93
57) 1,3-Dichloropropane	9.311	76	166316	47.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	386353	239.34	ug/l	99
59) 2-Hexanone	9.433	43	614878	231.62	ug/l	91
60) Dibromochloromethane	9.525	129	103994	44.73	ug/l	100
61) 1,2-Dibromoethane	9.616	107	108999	48.32	ug/l	99
64) Tetrachloroethene	9.275	164	87293	52.12	ug/l	95
65) Chlorobenzene	10.079	112	239983	47.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	93347	49.68	ug/l	100
67) Ethyl Benzene	10.195	91	440598	49.37	ug/l	97
68) m/p-Xylenes	10.305	106	345945	101.09	ug/l	100
69) o-Xylene	10.646	106	182402	53.90	ug/l	98
70) Styrene	10.659	104	307874	54.41	ug/l	100
71) Bromoform	10.805	173	78379	47.97	ug/l #	99
73) Isopropylbenzene	10.963	105	474586	48.50	ug/l	98
74) N-amyl acetate	10.848	43	204512	45.44	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	165481	47.82	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	150822m	47.98	ug/l	
77) Bromobenzene	11.201	156	118878	47.21	ug/l	95
78) n-propylbenzene	11.305	91	548991	47.99	ug/l	98
79) 2-Chlorotoluene	11.366	91	334355	47.98	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	414850	49.63	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	49832	43.94	ug/l	97
82) 4-Chlorotoluene	11.457	91	385533	47.02	ug/l	98
83) tert-Butylbenzene	11.719	119	412592	49.23	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	413680	49.77	ug/l	100
85) sec-Butylbenzene	11.896	105	510436	49.51	ug/l	99
86) p-Isopropyltoluene	12.012	119	433003	49.25	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	225405	47.01	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	227905	46.01	ug/l	99
89) n-Butylbenzene	12.335	91	356419	45.78	ug/l	98
90) Hexachloroethane	12.542	117	69154	47.83	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	219292	46.26	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38579	46.17	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	142273	47.14	ug/l	98
94) Hexachlorobutadiene	13.725	225	59973	43.44	ug/l	98
95) Naphthalene	13.780	128	506667	52.45	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	139495	45.10	ug/l	99

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

