

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034684.D
 Acq On : 23 Mar 2023 08:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 23 13:27:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	300258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	506715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	236349	54.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.220%			
35) Dibromofluoromethane	5.379	113	176804	52.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	8.647	98	617436	49.437	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.880%			
62) 4-Bromofluorobenzene	11.079	95	267606	53.047	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	175918	62.846	ug/l	98
3) Chloromethane	1.307	50	206658	48.704	ug/l	99
4) Vinyl Chloride	1.374	62	190805	50.061	ug/l	100
5) Bromomethane	1.599	94	93349	48.542	ug/l	97
6) Chloroethane	1.679	64	117877	53.715	ug/l	99
7) Trichlorofluoromethane	1.886	101	271043	47.327	ug/l	98
8) Diethyl Ether	2.130	74	112295	53.713	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	162652	48.733	ug/l	100
10) Methyl Iodide	2.447	142	216816	49.479	ug/l	93
11) Tert butyl alcohol	2.953	59	202885	223.040	ug/l	99
12) 1,1-Dichloroethene	2.319	96	153263	46.627	ug/l	94
13) Acrolein	2.233	56	176043	244.637	ug/l	98
14) Allyl chloride	2.660	41	321007	48.170	ug/l	97
15) Acrylonitrile	3.056	53	500467	254.694	ug/l	99
16) Acetone	2.374	43	575225	279.559	ug/l	94
17) Carbon Disulfide	2.508	76	389710	42.129	ug/l	99
18) Methyl Acetate	2.697	43	367030	54.591	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	623895	53.011	ug/l	98
20) Methylene Chloride	2.788	84	188370	47.170	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	172296	49.357	ug/l	97
22) Diisopropyl ether	3.758	45	640060	50.376	ug/l	92
23) Vinyl Acetate	3.715	43	2436015	251.920	ug/l	99
24) 1,1-Dichloroethane	3.605	63	341320	49.974	ug/l	99
25) 2-Butanone	4.550	43	769787	261.462	ug/l	99
26) 2,2-Dichloropropane	4.471	77	299279	50.410	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	207496	49.377	ug/l	98
28) Bromochloromethane	4.898	49	161868	50.971	ug/l	100
29) Tetrahydrofuran	4.995	42	459133	252.726	ug/l	99
30) Chloroform	5.093	83	354319	52.923	ug/l	100
31) Cyclohexane	5.465	56	292160	47.691	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	305750	51.588	ug/l	99
36) 1,1-Dichloropropene	5.690	75	251507	48.945	ug/l	99
37) Ethyl Acetate	4.709	43	281833	50.204	ug/l	99
38) Carbon Tetrachloride	5.672	117	261976	51.248	ug/l	98
39) Methylcyclohexane	7.379	83	289591	47.092	ug/l	95
40) Benzene	6.032	78	739580	49.199	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	165640	53.840	ug/l	96
42) 1,2-Dichloroethane	6.086	62	304713	55.155	ug/l	99
43) Isopropyl Acetate	6.336	43	478753	50.342	ug/l	100
44) Trichloroethene	7.123	130	191163	48.944	ug/l	95
45) 1,2-Dichloropropane	7.428	63	195111	49.709	ug/l	98
46) Dibromomethane	7.580	93	136428	51.127	ug/l	99
47) Bromodichloromethane	7.818	83	271176	52.508	ug/l	99
48) Methyl methacrylate	7.690	41	242756	53.075	ug/l	99
49) 1,4-Dioxane	7.653	88	92496	962.817	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1417759	256.985	ug/l	100
52) Toluene	8.714	92	473343	50.861	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	308672	53.053	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	328003	52.108	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	194864	52.759	ug/l	98
56) Ethyl methacrylate	9.116	69	319759	52.728	ug/l	99
57) 1,3-Dichloropropane	9.305	76	341882	52.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	727088	232.649	ug/l	98
59) 2-Hexanone	9.427	43	1125247	263.855	ug/l	99
60) Dibromochloromethane	9.519	129	206837	53.395	ug/l	100
61) 1,2-Dibromoethane	9.610	107	206997	51.936	ug/l	100
64) Tetrachloroethene	9.275	164	155916	49.245	ug/l	98
65) Chlorobenzene	10.080	112	516267	49.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	196079	52.059	ug/l	99
67) Ethyl Benzene	10.195	91	921599	49.779	ug/l	98
68) m/p-Xylenes	10.299	106	709812	99.806	ug/l	99
69) o-Xylene	10.640	106	353964	49.595	ug/l	98
70) Styrene	10.653	104	595908	51.751	ug/l	99
71) Bromoform	10.799	173	145851	50.306	ug/l #	99
73) Isopropylbenzene	10.964	105	907693	49.017	ug/l	99
74) N-amyl acetate	10.842	43	439008	49.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	301052	48.719	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	259031m	47.084	ug/l	
77) Bromobenzene	11.195	156	224053	50.430	ug/l	98
78) n-propylbenzene	11.305	91	1050263	49.110	ug/l	100
79) 2-Chlorotoluene	11.366	91	663533	50.237	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	783465	50.441	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	95242	46.835	ug/l	98
82) 4-Chlorotoluene	11.451	91	776415	51.034	ug/l	99
83) tert-Butylbenzene	11.713	119	762067	48.662	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	796362	50.168	ug/l	99
85) sec-Butylbenzene	11.890	105	905622	47.302	ug/l	100
86) p-Isopropyltoluene	12.006	119	782954	48.659	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	429225	49.307	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	428166	48.643	ug/l	99
89) n-Butylbenzene	12.329	91	671063	46.913	ug/l	100
90) Hexachloroethane	12.536	117	136134	45.723	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	418651	49.765	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	69166	49.266	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	255075	48.486	ug/l	99
94) Hexachlorobutadiene	13.725	225	97058	45.795	ug/l	98
95) Naphthalene	13.774	128	874790	49.588	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	250261	48.665	ug/l	100

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

