

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038116.D
 Acq On : 06 Oct 2023 09:24
 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 : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 04:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	144143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110878	47.824	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.640%		
35) Dibromofluoromethane	5.385	113	83400	47.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	8.647	98	325920	48.341	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	130092	50.897	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72445	52.068	ug/l	97
3) Chloromethane	1.301	50	68199	48.092	ug/l	98
4) Vinyl Chloride	1.374	62	79333	50.457	ug/l	100
5) Bromomethane	1.599	94	119986	58.246	ug/l	99
6) Chloroethane	1.679	64	62272	53.773	ug/l	96
7) Trichlorofluoromethane	1.886	101	156357	50.347	ug/l	99
8) Diethyl Ether	2.130	74	57605	49.735	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	68581	50.585	ug/l	98
10) Methyl Iodide	2.447	142	96678	49.560	ug/l	95
11) Tert butyl alcohol	2.959	59	116602	226.804	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	65683	49.805	ug/l	87
13) Acrolein	2.233	56	83717	254.002	ug/l	100
14) Allyl chloride	2.660	41	118310	50.155	ug/l	95
15) Acrylonitrile	3.062	53	260459	246.862	ug/l	98
16) Acetone	2.380	43	222829	230.290	ug/l	91
17) Carbon Disulfide	2.508	76	177893	46.802	ug/l	100
18) Methyl Acetate	2.703	43	207869	50.096	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	262789	50.033	ug/l	100
20) Methylene Chloride	2.788	84	84134	46.226	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	80928	49.562	ug/l	91
22) Diisopropyl ether	3.757	45	255278	51.636	ug/l	91
23) Vinyl Acetate	3.721	43	958984	264.509	ug/l	97
24) 1,1-Dichloroethane	3.605	63	149339	49.775	ug/l	99
25) 2-Butanone	4.550	43	387967	248.505	ug/l	93
26) 2,2-Dichloropropane	4.471	77	123374	52.668	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	97388	50.079	ug/l	93
28) Bromochloromethane	4.891	49	71540	52.820	ug/l	89
29) Tetrahydrofuran	5.001	42	253554	249.453	ug/l	90
30) Chloroform	5.086	83	169621	51.699	ug/l	100
31) Cyclohexane	5.464	56	131136	52.206	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	145985	51.948	ug/l	100
36) 1,1-Dichloropropene	5.690	75	122128	50.196	ug/l	98
37) Ethyl Acetate	4.708	43	149309	51.672	ug/l	98
38) Carbon Tetrachloride	5.672	117	125288	52.346	ug/l	99
39) Methylcyclohexane	7.379	83	152716	53.587	ug/l	93
40) Benzene	6.037	78	352729	51.833	ug/l	97

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41) Methacrylonitrile	4.916	41	76680	53.344	ug/l	92
42) 1,2-Dichloroethane	6.086	62	140125	51.538	ug/l	99
43) Isopropyl Acetate	6.336	43	225659	52.313	ug/l	97
44) Trichloroethene	7.123	130	93906	52.760	ug/l	99
45) 1,2-Dichloropropane	7.427	63	92329	52.422	ug/l	98
46) Dibromomethane	7.580	93	69897	51.168	ug/l	98
47) Bromodichloromethane	7.818	83	132361	54.467	ug/l	97
48) Methyl methacrylate	7.690	41	109260	53.058	ug/l	87
49) 1,4-Dioxane	7.653	88	52173	1028.146	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	786387	264.299	ug/l	97
52) Toluene	8.720	92	234561	52.914	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	146567	56.189	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	150107	54.772	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	99057	52.243	ug/l	93
56) Ethyl methacrylate	9.116	69	156931	53.982	ug/l	93
57) 1,3-Dichloropropane	9.305	76	163914	53.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	369307	258.805	ug/l	99
59) 2-Hexanone	9.427	43	644410	269.405	ug/l	96
60) Dibromochloromethane	9.519	129	103518	55.784	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109336	53.324	ug/l	100
64) Tetrachloroethene	9.275	164	80160	50.947	ug/l	99
65) Chlorobenzene	10.079	112	255630	50.264	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	90922	52.869	ug/l	97
67) Ethyl Benzene	10.195	91	473388	52.146	ug/l	99
68) m/p-Xylenes	10.299	106	367761	104.770	ug/l	99
69) o-Xylene	10.640	106	177657	51.857	ug/l	100
70) Styrene	10.653	104	302510	54.221	ug/l	98
71) Bromoform	10.799	173	78172	49.056	ug/l #	100
73) Isopropylbenzene	10.963	105	475269	50.824	ug/l	100
74) N-amyl acetate	10.841	43	213017	53.343	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	177674	51.779	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	143178m	45.167	ug/l	
77) Bromobenzene	11.195	156	115682	50.670	ug/l	94
78) n-propylbenzene	11.305	91	590669	51.658	ug/l	99
79) 2-Chlorotoluene	11.366	91	338272	49.885	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	421227	52.212	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	51974	48.046	ug/l	93
82) 4-Chlorotoluene	11.451	91	410827	51.198	ug/l	99
83) tert-Butylbenzene	11.713	119	405674	51.461	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	422746	52.555	ug/l	100
85) sec-Butylbenzene	11.890	105	539031	52.785	ug/l	99
86) p-Isopropyltoluene	12.006	119	450088	53.422	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	234481	51.134	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	239130	51.079	ug/l	99
89) n-Butylbenzene	12.335	91	448930	53.503	ug/l	97
90) Hexachloroethane	12.536	117	76152	54.514	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	230442	52.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44477	53.610	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	154051	52.108	ug/l	97
94) Hexachlorobutadiene	13.725	225	62755	52.740	ug/l	98
95) Naphthalene	13.774	128	525697	51.061	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	148348	51.824	ug/l	98

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

