

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035466.D
 Acq On : 02 May 2023 09:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 03 03:13:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	266388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	413827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	175791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	148912	46.335	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.660%		
35) Dibromofluoromethane	5.379	113	125504	49.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.647	98	460856	48.098	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.200%		
62) 4-Bromofluorobenzene	11.079	95	171896	47.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	139938	49.646	ug/l	100
3) Chloromethane	1.294	50	111521	43.492	ug/l	97
4) Vinyl Chloride	1.374	62	118519	46.084	ug/l	100
5) Bromomethane	1.617	94	68073	39.824	ug/l	98
6) Chloroethane	1.691	64	63814	42.426	ug/l	100
7) Trichlorofluoromethane	1.886	101	193436	48.097	ug/l	99
8) Diethyl Ether	2.130	74	65752	44.840	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	130981	48.761	ug/l	95
10) Methyl Iodide	2.453	142	134157	39.573	ug/l	97
11) Tert butyl alcohol	2.983	59	128536	219.655	ug/l	96
12) 1,1-Dichloroethene	2.318	96	120943	46.745	ug/l	97
13) Acrolein	2.239	56	146941	255.339	ug/l	99
14) Allyl chloride	2.666	41	206367	45.324	ug/l	97
15) Acrylonitrile	3.062	53	331082	226.215	ug/l	99
16) Acetone	2.386	43	337165	241.555	ug/l	98
17) Carbon Disulfide	2.514	76	279507	45.065	ug/l	100
18) Methyl Acetate	2.703	43	249339	46.195	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	435266	49.037	ug/l	96
20) Methylene Chloride	2.788	84	137592	42.990	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	131370	46.751	ug/l	92
22) Diisopropyl ether	3.751	45	416208	46.194	ug/l	97
23) Vinyl Acetate	3.715	43	1496825	241.687	ug/l	97
24) 1,1-Dichloroethane	3.605	63	242911	47.863	ug/l	100
25) 2-Butanone	4.550	43	470980	231.175	ug/l	93
26) 2,2-Dichloropropane	4.471	77	212826	53.527	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	160261	48.519	ug/l	94
28) Bromochloromethane	4.891	49	99805	46.147	ug/l	84
29) Tetrahydrofuran	5.001	42	287832	220.388	ug/l	93
30) Chloroform	5.086	83	260602	50.865	ug/l	97
31) Cyclohexane	5.464	56	216263	47.437	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	230466	51.329	ug/l	96
36) 1,1-Dichloropropene	5.690	75	193380	48.759	ug/l	97
37) Ethyl Acetate	4.702	43	177895	49.111	ug/l	96
38) Carbon Tetrachloride	5.672	117	201858	53.615	ug/l	100
39) Methylcyclohexane	7.379	83	234891	48.656	ug/l	97
40) Benzene	6.031	78	558930	49.128	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	101876	49.083	ug/l	95
42) 1,2-Dichloroethane	6.080	62	201458	49.663	ug/l	97
43) Isopropyl Acetate	6.330	43	310456	51.007	ug/l	95
44) Trichloroethene	7.123	130	160299	51.146	ug/l	93
45) 1,2-Dichloropropane	7.427	63	145677	50.789	ug/l	100
46) Dibromomethane	7.580	93	99807	50.671	ug/l	92
47) Bromodichloromethane	7.818	83	195035	53.742	ug/l	99
48) Methyl methacrylate	7.689	41	152959	51.232	ug/l	91
49) 1,4-Dioxane	7.696	88	61957	851.341	ug/l	94
51) 4-Methyl-2-Pentanone	8.567	43	899783	240.624	ug/l	95
52) Toluene	8.714	92	352489	48.878	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	209896	55.382	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	239922	56.007	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	141681	49.282	ug/l	98
56) Ethyl methacrylate	9.116	69	217063	50.684	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	237538	48.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	511559	238.891	ug/l	94
59) 2-Hexanone	9.427	43	658138	234.279	ug/l	94
60) Dibromochloromethane	9.518	129	152833	55.485	ug/l	99
61) 1,2-Dibromoethane	9.610	107	148734	50.185	ug/l	100
64) Tetrachloroethene	9.268	164	132327	48.986	ug/l	98
65) Chlorobenzene	10.079	112	380548	49.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	145494	54.770	ug/l	98
67) Ethyl Benzene	10.189	91	672688	50.889	ug/l	98
68) m/p-Xylenes	10.299	106	513993	101.477	ug/l	100
69) o-Xylene	10.640	106	255019	51.344	ug/l	99
70) Styrene	10.652	104	424310	52.688	ug/l	98
71) Bromoform	10.799	173	107347	58.096	ug/l #	99
73) Isopropylbenzene	10.963	105	667754	51.965	ug/l	100
74) N-amyl acetate	10.841	43	248475	51.453	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	198661	49.809	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	163668m	46.674	ug/l	
77) Bromobenzene	11.195	156	166750	52.203	ug/l	90
78) n-propylbenzene	11.305	91	762250	51.649	ug/l	99
79) 2-Chlorotoluene	11.366	91	458179	49.683	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	565194	52.163	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	59417	54.879	ug/l	98
82) 4-Chlorotoluene	11.451	91	525544	50.739	ug/l	97
83) tert-Butylbenzene	11.713	119	567109	52.164	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	570466	52.399	ug/l	99
85) sec-Butylbenzene	11.890	105	685241	51.386	ug/l	99
86) p-Isopropyltoluene	12.006	119	592940	52.280	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	313777	51.690	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	313993	49.334	ug/l	99
89) n-Butylbenzene	12.329	91	503130	52.550	ug/l	99
90) Hexachloroethane	12.536	117	98800	56.907	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	306078	50.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43941	54.942	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	205624	53.880	ug/l	99
94) Hexachlorobutadiene	13.725	225	86997	51.942	ug/l	100
95) Naphthalene	13.774	128	649639	55.295	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	198049	51.552	ug/l	99

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

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