

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034092.D
 Acq On : 09 Feb 2023 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 10:05:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	155889	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	209398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66476	44.233	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.460%		
35) Dibromofluoromethane	5.379	113	59915	44.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.920%		
50) Toluene-d8	8.647	98	212489	44.254	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.500%#		
62) 4-Bromofluorobenzene	11.079	95	77570	45.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60063	47.397	ug/l	97
3) Chloromethane	1.294	50	49710	41.568	ug/l	100
4) Vinyl Chloride	1.374	62	51676	41.262	ug/l	100
5) Bromomethane	1.605	94	27879	43.229	ug/l	98
6) Chloroethane	1.684	64	29608	42.752	ug/l	99
7) Trichlorofluoromethane	1.886	101	90342	45.338	ug/l	98
8) Diethyl Ether	2.130	74	28712	41.892	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	58805	44.201	ug/l	91
10) Methyl Iodide	2.453	142	79805	42.342	ug/l	93
11) Tert butyl alcohol	2.953	59	46103	218.962	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	54391	42.613	ug/l	92
13) Acrolein	2.233	56	58960	208.778	ug/l	99
14) Allyl chloride	2.660	41	90128	43.308	ug/l	91
15) Acrylonitrile	3.056	53	140138	207.488	ug/l	99
16) Acetone	2.373	43	166900	262.941	ug/l	96
17) Carbon Disulfide	2.514	76	135581	41.867	ug/l	98
18) Methyl Acetate	2.696	43	85550	43.328	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	179882	45.702	ug/l	99
20) Methylene Chloride	2.788	84	61278	42.198	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	60260	43.346	ug/l	97
22) Diisopropyl ether	3.751	45	177477	43.215	ug/l	96
23) Vinyl Acetate	3.715	43	680520	217.606	ug/l	96
24) 1,1-Dichloroethane	3.605	63	104341	44.078	ug/l	99
25) 2-Butanone	4.544	43	207796	224.823	ug/l	95
26) 2,2-Dichloropropane	4.471	77	81488	47.191	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	70007	43.779	ug/l	97
28) Bromochloromethane	4.891	49	46487	44.667	ug/l	86
29) Tetrahydrofuran	4.995	42	118476	201.544	ug/l	93
30) Chloroform	5.086	83	110544	44.808	ug/l	100
31) Cyclohexane	5.464	56	93939	42.922	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	99441	46.803	ug/l	98
36) 1,1-Dichloropropene	5.690	75	82738	45.282	ug/l	99
37) Ethyl Acetate	4.702	43	73125	42.961	ug/l	98
38) Carbon Tetrachloride	5.672	117	93087	47.767	ug/l	97
39) Methylcyclohexane	7.379	83	105048	45.673	ug/l	96
40) Benzene	6.031	78	235879	44.617	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	43346	45.251	ug/l	98
42) 1,2-Dichloroethane	6.080	62	85861	47.794	ug/l	99
43) Isopropyl Acetate	6.330	43	121638	45.823	ug/l	98
44) Trichloroethene	7.123	130	74761	46.011	ug/l	94
45) 1,2-Dichloropropane	7.427	63	59014	45.211	ug/l	99
46) Dibromomethane	7.580	93	43400	46.409	ug/l	94
47) Bromodichloromethane	7.818	83	86545	48.840	ug/l	97
48) Methyl methacrylate	7.683	41	61617	44.957	ug/l	93
49) 1,4-Dioxane	7.659	88	25180	954.450	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	369276	221.779	ug/l	97
52) Toluene	8.714	92	155459	45.374	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89494	50.240	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	98347	48.526	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	63214	46.192	ug/l	96
56) Ethyl methacrylate	9.116	69	90960	47.588	ug/l	96
57) 1,3-Dichloropropane	9.305	76	101832	45.551	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	202695	227.924	ug/l	96
59) 2-Hexanone	9.427	43	283288	232.487	ug/l	97
60) Dibromochloromethane	9.518	129	74215	48.931	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67782	46.061	ug/l	98
64) Tetrachloroethene	9.268	164	71206	45.563	ug/l	98
65) Chlorobenzene	10.079	112	175684	45.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69249	47.408	ug/l	99
67) Ethyl Benzene	10.189	91	302368	46.216	ug/l	98
68) m/p-Xylenes	10.299	106	239129	91.438	ug/l	100
69) o-Xylene	10.640	106	116174	46.254	ug/l	99
70) Styrene	10.652	104	194495	47.017	ug/l	99
71) Bromoform	10.799	173	59488	49.928	ug/l #	97
73) Isopropylbenzene	10.963	105	310573	46.307	ug/l	100
74) N-amyl acetate	10.841	43	101001	45.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	86085	42.658	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72286m	41.950	ug/l	
77) Bromobenzene	11.195	156	84934	45.669	ug/l	96
78) n-propylbenzene	11.305	91	343413	46.309	ug/l	99
79) 2-Chlorotoluene	11.366	91	204532	45.551	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	259811	46.539	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25920	46.324	ug/l	97
82) 4-Chlorotoluene	11.451	91	237084	46.684	ug/l	100
83) tert-Butylbenzene	11.713	119	266686	46.239	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	260145	46.644	ug/l	99
85) sec-Butylbenzene	11.890	105	321951	46.655	ug/l	99
86) p-Isopropyltoluene	12.006	119	286746	47.378	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	154988	45.417	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	157158	45.360	ug/l	100
89) n-Butylbenzene	12.329	91	230274	48.528	ug/l	99
90) Hexachloroethane	12.536	117	46730	49.045	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	150349	45.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18333	46.200	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	112550	47.862	ug/l	99
94) Hexachlorobutadiene	13.725	225	55266	47.480	ug/l	100
95) Naphthalene	13.774	128	300500	46.510	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	110226	46.664	ug/l	99

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

