

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020123\
 Data File : VX033978.D
 Acq On : 01 Feb 2023 10:09
 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 02 01:33:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	160357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75457	44.691	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.380%		
35) Dibromofluoromethane	5.379	113	71039	50.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.800%		
50) Toluene-d8	8.647	98	249032	48.490	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.079	95	94288	49.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55832	44.059	ug/l	99
3) Chloromethane	1.294	50	66895	47.791	ug/l	97
4) Vinyl Chloride	1.374	62	70610	51.979	ug/l	97
5) Bromomethane	1.611	94	33972	43.526	ug/l	95
6) Chloroethane	1.685	64	41111	48.952	ug/l	98
7) Trichlorofluoromethane	1.892	101	104755	47.552	ug/l	99
8) Diethyl Ether	2.130	74	41649	57.740	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	69246	54.478	ug/l	93
10) Methyl Iodide	2.453	142	96000	53.898	ug/l	91
11) Tert butyl alcohol	2.965	59	67438	229.921	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	65615	50.288	ug/l	89
13) Acrolein	2.233	56	66935	247.335	ug/l	100
14) Allyl chloride	2.666	41	113536	46.134	ug/l	89
15) Acrylonitrile	3.056	53	198498	257.146	ug/l	99
16) Acetone	2.380	43	159931	261.200	ug/l	93
17) Carbon Disulfide	2.514	76	133930	40.903	ug/l	99
18) Methyl Acetate	2.697	43	122576	52.020	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	223858	49.398	ug/l	100
20) Methylene Chloride	2.788	84	75493	51.498	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	70189	46.015	ug/l	94
22) Diisopropyl ether	3.751	45	241371	48.747	ug/l	99
23) Vinyl Acetate	3.715	43	903706	242.447	ug/l	98
24) 1,1-Dichloroethane	3.605	63	131364	48.492	ug/l	100
25) 2-Butanone	4.550	43	260883	236.482	ug/l	96
26) 2,2-Dichloropropane	4.477	77	81247	41.870	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	87421	49.851	ug/l	95
28) Bromochloromethane	4.891	49	55876	45.281	ug/l	93
29) Tetrahydrofuran	4.995	42	171134	246.131	ug/l	97
30) Chloroform	5.092	83	136302	49.125	ug/l	99
31) Cyclohexane	5.464	56	109111	43.917	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	115950	48.946	ug/l	98
36) 1,1-Dichloropropene	5.690	75	96334	46.829	ug/l	99
37) Ethyl Acetate	4.702	43	100803	51.436	ug/l	99
38) Carbon Tetrachloride	5.672	117	104463	49.029	ug/l	100
39) Methylcyclohexane	7.379	83	115556	45.487	ug/l	96
40) Benzene	6.031	78	292799	48.831	ug/l	100

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Quant Time: Feb 02 01:33:01 2023
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60693	53.539	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102973	48.459	ug/l	98
43) Isopropyl Acetate	6.336	43	164412	50.626	ug/l	98
44) Trichloroethene	7.123	130	87300	52.065	ug/l	98
45) 1,2-Dichloropropane	7.427	63	77465	51.573	ug/l	98
46) Dibromomethane	7.580	93	53467	50.961	ug/l	96
47) Bromodichloromethane	7.818	83	106437	52.641	ug/l	96
48) Methyl methacrylate	7.690	41	83236	50.880	ug/l	96
49) 1,4-Dioxane	7.677	88	33073	913.957	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	520281	260.857	ug/l	99
52) Toluene	8.714	92	194597	50.255	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	105203	52.028	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	119099	52.565	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	81705	53.306	ug/l	99
56) Ethyl methacrylate	9.116	69	118573	54.969	ug/l	97
57) 1,3-Dichloropropane	9.305	76	132374	53.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	274202	258.110	ug/l	99
59) 2-Hexanone	9.427	43	376539	271.241	ug/l	98
60) Dibromochloromethane	9.518	129	92141	57.985	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84449	55.207	ug/l	98
64) Tetrachloroethene	9.269	164	80535	56.941	ug/l	99
65) Chlorobenzene	10.079	112	219332	52.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	85595	55.719	ug/l	99
67) Ethyl Benzene	10.195	91	371595	51.849	ug/l	99
68) m/p-Xylenes	10.299	106	294470	105.046	ug/l	98
69) o-Xylene	10.640	106	145298	52.265	ug/l	100
70) Styrene	10.652	104	244987	54.186	ug/l	99
71) Bromoform	10.799	173	72080	55.995	ug/l #	98
73) Isopropylbenzene	10.963	105	379577	53.662	ug/l	99
74) N-amyl acetate	10.841	43	138760	48.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	115140	55.879	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93322m	47.088	ug/l	
77) Bromobenzene	11.195	156	104180	54.606	ug/l	97
78) n-propylbenzene	11.305	91	424080	48.181	ug/l	99
79) 2-Chlorotoluene	11.366	91	252777	53.361	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	315760	48.649	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30399	47.671	ug/l	98
82) 4-Chlorotoluene	11.451	91	289051	53.311	ug/l	99
83) tert-Butylbenzene	11.713	119	329312	51.099	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	315677	51.416	ug/l	98
85) sec-Butylbenzene	11.890	105	395872	51.357	ug/l	100
86) p-Isopropyltoluene	12.006	119	343592	52.064	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	188976	51.850	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	190466	51.300	ug/l	100
89) n-Butylbenzene	12.329	91	271774	50.339	ug/l	99
90) Hexachloroethane	12.536	117	56497	52.044	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	185645	52.785	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22681	51.529	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	129756	54.771	ug/l	99
94) Hexachlorobutadiene	13.725	225	60864	52.447	ug/l	99
95) Naphthalene	13.774	128	378325	55.508	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	130838	55.194	ug/l	99

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

