

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033676.D
 Acq On : 10 Jan 2023 09:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 11 00:31:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	168896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94877	49.762	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.379	113	79714	49.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.440%		
50) Toluene-d8	8.647	98	290902	50.252	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.500%		
62) 4-Bromofluorobenzene	11.079	95	112595	54.873	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64650	46.415	ug/l	96
3) Chloromethane	1.294	50	78131	45.577	ug/l	98
4) Vinyl Chloride	1.374	62	78462	51.602	ug/l	97
5) Bromomethane	1.617	94	30842	36.274	ug/l	96
6) Chloroethane	1.691	64	38753	44.231	ug/l	100
7) Trichlorofluoromethane	1.886	101	111820	51.982	ug/l	99
8) Diethyl Ether	2.130	74	31244	46.182	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	50696	47.170	ug/l	100
10) Methyl Iodide	2.453	142	70465	35.903	ug/l	99
11) Tert butyl alcohol	3.026	59	63259m	201.970	ug/l	
12) 1,1-Dichloroethene	2.318	96	45660	45.614	ug/l	95
13) Acrolein	2.239	56	38626	203.566	ug/l	99
14) Allyl chloride	2.660	41	130295	49.449	ug/l	99
15) Acrylonitrile	3.062	53	192980	227.788	ug/l	100
16) Acetone	2.392	43	182035	282.289	ug/l	99
17) Carbon Disulfide	2.514	76	179238	49.279	ug/l	100
18) Methyl Acetate	2.703	43	118479	44.833	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	235765	47.543	ug/l	98
20) Methylene Chloride	2.788	84	80988	50.449	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	75200	48.254	ug/l	98
22) Diisopropyl ether	3.751	45	269867	50.831	ug/l	96
23) Vinyl Acetate	3.715	43	1002537	245.914	ug/l	100
24) 1,1-Dichloroethane	3.605	63	139376	48.521	ug/l	99
25) 2-Butanone	4.562	43	301859	242.477	ug/l	100
26) 2,2-Dichloropropane	4.471	77	104999	52.873	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	89718	49.637	ug/l	99
28) Bromochloromethane	4.891	49	57426	49.214	ug/l	99
29) Tetrahydrofuran	5.007	42	174461	220.954	ug/l	100
30) Chloroform	5.086	83	148892	50.738	ug/l	99
31) Cyclohexane	5.464	56	129942	48.958	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	128541	50.659	ug/l	99
36) 1,1-Dichloropropene	5.684	75	108734	49.563	ug/l	99
37) Ethyl Acetate	4.708	43	108831	44.551	ug/l	100
38) Carbon Tetrachloride	5.672	117	119477	51.461	ug/l	97
39) Methylcyclohexane	7.372	83	134323	49.037	ug/l	99
40) Benzene	6.031	78	314327	49.021	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	63589	47.706	ug/l	100
42) 1,2-Dichloroethane	6.080	62	117763	49.270	ug/l	100
43) Isopropyl Acetate	6.330	43	173625	46.288	ug/l	99
44) Trichloroethene	7.123	130	87771	47.969	ug/l	99
45) 1,2-Dichloropropane	7.421	63	80910	48.983	ug/l	99
46) Dibromomethane	7.574	93	57156	49.425	ug/l	99
47) Bromodichloromethane	7.818	83	117922	52.635	ug/l	99
48) Methyl methacrylate	7.689	41	89175	46.967	ug/l	100
49) 1,4-Dioxane	7.726	88	35446	877.703	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	533098	224.551	ug/l	99
52) Toluene	8.714	92	206942	49.089	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	120923	48.800	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	132715	53.516	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	83998	50.869	ug/l	97
56) Ethyl methacrylate	9.116	69	123198	49.976	ug/l	100
57) 1,3-Dichloropropane	9.305	76	141091	49.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	293129	233.764	ug/l	99
59) 2-Hexanone	9.427	43	425075	242.379	ug/l	99
60) Dibromochloromethane	9.518	129	99078	54.856	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88943	50.925	ug/l	100
64) Tetrachloroethene	9.268	164	79848	47.280	ug/l	99
65) Chlorobenzene	10.079	112	231373	49.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	89721	51.110	ug/l	99
67) Ethyl Benzene	10.189	91	408710	49.859	ug/l	97
68) m/p-Xylenes	10.299	106	323831	101.226	ug/l	98
69) o-Xylene	10.640	106	157852	49.768	ug/l	100
70) Styrene	10.652	104	266693	51.182	ug/l	99
71) Bromoform	10.799	173	77217	54.941	ug/l #	98
73) Isopropylbenzene	10.963	105	415835	46.331	ug/l	100
74) N-amyl acetate	10.841	43	154504	42.484	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	122078	43.639	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	99360m	42.675	ug/l	
77) Bromobenzene	11.195	156	109864	46.241	ug/l	99
78) n-propylbenzene	11.305	91	482307	47.400	ug/l	100
79) 2-Chlorotoluene	11.360	91	282526	46.231	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	352203	47.664	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	37390	48.741	ug/l	93
82) 4-Chlorotoluene	11.451	91	325283	46.036	ug/l	100
83) tert-Butylbenzene	11.713	119	359926	46.686	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	350028	47.207	ug/l	99
85) sec-Butylbenzene	11.890	105	450821	49.495	ug/l	99
86) p-Isopropyltoluene	12.006	119	387841	49.829	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	205774	48.121	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	205473	49.119	ug/l	99
89) n-Butylbenzene	12.329	91	326863	50.218	ug/l	100
90) Hexachloroethane	12.536	117	66842	53.231	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	197362	48.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25286	48.611	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	140485	49.670	ug/l	99
94) Hexachlorobutadiene	13.725	225	67334	53.940	ug/l	99
95) Naphthalene	13.774	128	394598	44.494	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	137064	46.656	ug/l	99

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

