

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054328.D
 Acq On : 30 May 2023 20:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 31 06:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	210077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	345658	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	333090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	182383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	151113	54.872	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.740%			
35) Dibromofluoromethane	5.282	113	120924	54.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.640%			
50) Toluene-d8	7.893	98	447172	52.815	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.620%			
62) 4-Bromofluorobenzene	10.626	95	169353	51.585	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	119005	50.745	ug/l	97
3) Chloromethane	1.520	50	155362	50.594	ug/l	98
4) Vinyl Chloride	1.604	62	156044	53.260	ug/l	99
5) Bromomethane	1.845	94	71289	43.955	ug/l	98
6) Chloroethane	1.922	64	96052	67.980	ug/l	99
7) Trichlorofluoromethane	2.131	101	197758	49.062	ug/l	99
8) Diethyl Ether	2.372	74	79336	53.167	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	111473	51.079	ug/l	96
10) Methyl Iodide	2.719	142	135729	51.829	ug/l	96
11) Tert butyl alcohol	3.186	59	188448m	253.330	ug/l	
12) 1,1-Dichloroethene	2.575	96	111123	49.176	ug/l	94
13) Acrolein	2.482	56	204304	264.003	ug/l	100
14) Allyl chloride	2.916	41	200695	51.224	ug/l	87
15) Acrylonitrile	3.308	53	442338	265.215	ug/l	98
16) Acetone	2.623	43	345052	218.587	ug/l	97
17) Carbon Disulfide	2.787	76	325084	48.679	ug/l	100
18) Methyl Acetate	2.941	43	304652	52.856	ug/l	95
19) Methyl tert-butyl Ether	3.356	73	380506	51.442	ug/l	98
20) Methylene Chloride	3.041	84	136835	48.049	ug/l	93
21) trans-1,2-Dichloroethene	3.346	96	123670	51.119	ug/l	96
22) Diisopropyl ether	3.983	45	377924	54.422	ug/l #	80
23) Vinyl Acetate	3.948	43	1399263	276.140	ug/l	97
24) 1,1-Dichloroethane	3.861	63	228922	51.482	ug/l	100
25) 2-Butanone	4.694	43	545511	261.009	ug/l	96
26) 2,2-Dichloropropane	4.658	77	168229	43.292	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	138799	51.574	ug/l	95
28) Bromochloromethane	4.964	49	115847	56.300	ug/l	83
29) Tetrahydrofuran	5.044	42	356797	271.589	ug/l	92
30) Chloroform	5.083	83	229838	50.848	ug/l	98
31) Cyclohexane	5.382	56	190538	49.000	ug/l	93
32) 1,1,1-Trichloroethane	5.311	97	199421	50.819	ug/l	98
36) 1,1-Dichloropropene	5.520	75	165636	47.376	ug/l	98
37) Ethyl Acetate	4.797	43	203653	47.795	ug/l #	91
38) Carbon Tetrachloride	5.520	117	172080	48.086	ug/l	98
39) Methylcyclohexane	6.758	83	190437	48.090	ug/l	90
40) Benzene	5.768	78	501095	50.247	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	105005	53.322	ug/l	93
42) 1,2-Dichloroethane	5.787	62	177420	48.974	ug/l	98
43) Isopropyl Acetate	5.903	43	300318	51.098	ug/l	98
44) Trichloroethene	6.536	130	135071	48.452	ug/l	93
45) 1,2-Dichloropropane	6.784	63	134533	51.712	ug/l	99
46) Dibromomethane	6.912	93	94716	49.460	ug/l	95
47) Bromodichloromethane	7.099	83	180176	50.310	ug/l	99
48) Methyl methacrylate	6.954	41	135546	52.005	ug/l	96
49) 1,4-Dioxane	6.973	88	79167	1052.115	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	1031665	263.035	ug/l	99
52) Toluene	7.964	92	308863	48.572	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	202221	49.354	ug/l	100
54) cis-1,3-Dichloropropene	7.600	75	210092	49.133	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	130230	49.418	ug/l	99
56) Ethyl methacrylate	8.327	69	203804	51.955	ug/l	95
57) 1,3-Dichloropropane	8.568	76	229160	50.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	63102	250.900	ug/l	95
59) 2-Hexanone	8.677	43	803747	259.414	ug/l	100
60) Dibromochloromethane	8.803	129	135619	50.653	ug/l	100
61) 1,2-Dibromoethane	8.919	107	142887	49.820	ug/l	99
64) Tetrachloroethene	8.549	164	128726	51.348	ug/l	98
65) Chlorobenzene	9.443	112	330266	47.429	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.529	131	124669	49.351	ug/l	98
67) Ethyl Benzene	9.565	91	594081	49.902	ug/l	97
68) m/p-Xylenes	9.687	106	461479	102.266	ug/l	95
69) o-Xylene	10.095	106	222506	50.937	ug/l	93
70) Styrene	10.108	104	375273	51.803	ug/l	98
71) Bromoform	10.285	173	111915	50.981	ug/l #	99
73) Isopropylbenzene	10.478	105	576533	51.042	ug/l	98
74) N-amyl acetate	10.314	43	245973	51.286	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	228859	50.074	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	262582	49.330	ug/l	98
77) Bromobenzene	10.777	156	149522	48.206	ug/l	90
78) n-propylbenzene	10.899	91	704786	50.936	ug/l	98
79) 2-Chlorotoluene	10.980	91	421482	50.314	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	497170	51.758	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.539	75	66695	47.712	ug/l	98
82) 4-Chlorotoluene	11.092	91	493826	50.242	ug/l	95
83) tert-Butylbenzene	11.414	119	478544	49.820	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	491549	51.437	ug/l	98
85) sec-Butylbenzene	11.639	105	618635	50.757	ug/l	98
86) p-Isopropyltoluene	11.787	119	516179	50.352	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	287588	47.885	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	294217	46.893	ug/l	98
89) n-Butylbenzene	12.205	91	459893	47.659	ug/l	98
90) Hexachloroethane	12.468	117	88243	48.657	ug/l	91
91) 1,2-Dichlorobenzene	12.205	146	288927	48.902	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.989	75	56957	54.643	ug/l	92
93) 1,2,4-Trichlorobenzene	13.835	180	203970	48.667	ug/l	99
94) Hexachlorobutadiene	14.015	225	91057	46.888	ug/l	99
95) Naphthalene	14.079	128	702219	51.974	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	211532	50.870	ug/l	98

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

