

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054302.D
 Acq On : 30 May 2023 09:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 06:17:55 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

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	217782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	341450	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	330579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	181475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	140032	49.050	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.100%
35) Dibromofluoromethane	5.282	113	112558	51.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	7.893	98	422395	50.503	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.000%
62) 4-Bromofluorobenzene	10.629	95	161993	49.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	126767	52.142	ug/l	100
3) Chloromethane	1.520	50	159510	50.107	ug/l	96
4) Vinyl Chloride	1.604	62	154261	50.788	ug/l	99
5) Bromomethane	1.855	94	77480	46.082	ug/l	99
6) Chloroethane	1.925	64	73538	50.205	ug/l	97
7) Trichlorofluoromethane	2.131	101	202062	48.356	ug/l	98
8) Diethyl Ether	2.372	74	76762	49.622	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	114076	50.422	ug/l	97
10) Methyl Iodide	2.719	142	130892	48.377	ug/l	97
11) Tert butyl alcohol	3.227	59	180284	233.781	ug/l #	43
12) 1,1-Dichloroethene	2.575	96	111345	47.531	ug/l	95
13) Acrolein	2.485	56	190435	237.375	ug/l	98
14) Allyl chloride	2.919	41	201935	49.717	ug/l	87
15) Acrylonitrile	3.311	53	432593	250.196	ug/l	98
16) Acetone	2.629	43	453106	276.883	ug/l	99
17) Carbon Disulfide	2.790	76	325909	47.076	ug/l	100
18) Methyl Acetate	2.945	43	296593	49.638	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	375100	48.917	ug/l	99
20) Methylene Chloride	3.041	84	135583	45.925	ug/l	95
21) trans-1,2-Dichloroethene	3.346	96	120864	48.192	ug/l	95
22) Diisopropyl ether	3.983	45	372322	51.719	ug/l #	82
23) Vinyl Acetate	3.948	43	1388120	264.250	ug/l	98
24) 1,1-Dichloroethane	3.864	63	227389	49.329	ug/l	100
25) 2-Butanone	4.697	43	576264	265.968	ug/l	96
26) 2,2-Dichloropropane	4.658	77	200501	49.771	ug/l	97
27) cis-1,2-Dichloroethene	4.658	96	138127	49.509	ug/l	95
28) Bromochloromethane	4.967	49	119916	56.216	ug/l	83
29) Tetrahydrofuran	5.047	42	346976	254.769	ug/l	92
30) Chloroform	5.083	83	227590	48.569	ug/l	100
31) Cyclohexane	5.382	56	196419	48.725	ug/l	93
32) 1,1,1-Trichloroethane	5.311	97	198628	48.826	ug/l	99
36) 1,1-Dichloropropene	5.520	75	163973	47.478	ug/l	99
37) Ethyl Acetate	4.797	43	203057	48.243	ug/l #	94
38) Carbon Tetrachloride	5.520	117	176960	50.060	ug/l	97
39) Methylcyclohexane	6.758	83	199554	51.013	ug/l	94
40) Benzene	5.768	78	497250	50.476	ug/l	99

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41) Methacrylonitrile	4.967	41	104000	53.462	ug/l	92
42) 1,2-Dichloroethane	5.790	62	174987	48.897	ug/l	98
43) Isopropyl Acetate	5.906	43	294364	50.702	ug/l	98
44) Trichloroethene	6.536	130	132410	48.083	ug/l	92
45) 1,2-Dichloropropane	6.784	63	133002	51.753	ug/l	98
46) Dibromomethane	6.912	93	94223	49.809	ug/l	94
47) Bromodichloromethane	7.099	83	176080	49.772	ug/l	100
48) Methyl methacrylate	6.954	41	136876	53.162	ug/l	92
49) 1,4-Dioxane	6.993	88	70953	954.573	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	999173	257.890	ug/l	99
52) Toluene	7.964	92	314146	50.011	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	205391	50.746	ug/l	100
54) cis-1,3-Dichloropropene	7.600	75	215788	51.087	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	127262	48.887	ug/l	99
56) Ethyl methacrylate	8.327	69	201371	51.967	ug/l	95
57) 1,3-Dichloropropane	8.568	76	228062	50.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	47585	191.534	ug/l	95
59) 2-Hexanone	8.681	43	789426	257.932	ug/l	99
60) Dibromochloromethane	8.803	129	139012	52.560	ug/l	99
61) 1,2-Dibromoethane	8.919	107	143726	50.730	ug/l	99
64) Tetrachloroethene	8.549	164	126056	50.665	ug/l	96
65) Chlorobenzene	9.443	112	335707	48.577	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.526	131	126185	50.331	ug/l	98
67) Ethyl Benzene	9.565	91	595585	50.408	ug/l	98
68) m/p-Xylenes	9.687	106	463175	103.421	ug/l	93
69) o-Xylene	10.095	106	222946	51.425	ug/l	93
70) Styrene	10.108	104	380648	52.944	ug/l	98
71) Bromoform	10.285	173	112885	51.814	ug/l #	99
73) Isopropylbenzene	10.478	105	587784	52.299	ug/l	98
74) N-amyl acetate	10.314	43	246991	51.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	225192	49.518	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	264693	49.975	ug/l	99
77) Bromobenzene	10.777	156	152660	49.464	ug/l	89
78) n-propylbenzene	10.899	91	730419	53.053	ug/l	98
79) 2-Chlorotoluene	10.980	91	428630	51.423	ug/l	94
80) 1,3,5-Trimethylbenzene	11.082	105	505467	52.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	73757	53.028	ug/l	98
82) 4-Chlorotoluene	11.092	91	498713	50.993	ug/l	96
83) tert-Butylbenzene	11.414	119	484893	50.734	ug/l	94
84) 1,2,4-Trimethylbenzene	11.462	105	499421	52.522	ug/l	99
85) sec-Butylbenzene	11.639	105	633428	52.231	ug/l	99
86) p-Isopropyltoluene	11.787	119	538495	52.792	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	292670	48.975	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	293488	47.011	ug/l	97
89) n-Butylbenzene	12.205	91	486916	50.712	ug/l	98
90) Hexachloroethane	12.468	117	95338	52.833	ug/l	91
91) 1,2-Dichlorobenzene	12.208	146	289611	49.263	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	54770	52.808	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	195632	46.971	ug/l	98
94) Hexachlorobutadiene	14.015	225	96029	49.647	ug/l	99
95) Naphthalene	14.079	128	612590	45.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	194676	47.145	ug/l	99

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

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