

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048477.D
 Acq On : 07 May 2022 00:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050119

Quant Time: May 07 04:13:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:43:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	275411	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268913	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	141502	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	95061	40.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.160%
7) Chloroethane-d5	1.912	69	66746	43.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.240%
11) 1,1-Dichloroethene-d2	2.568	63	202886	48.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.120%
21) 2-Butanone-d5	4.629	46	182896	90.543	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.540%
24) Chloroform-d	5.063	84	211023	51.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	5.703	65	143855	53.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.440%
32) Benzene-d6	5.729	84	378303	46.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
36) 1,2-Dichloropropane-d6	6.693	67	116079	43.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.120%
41) Toluene-d8	7.899	98	344094	47.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
43) trans-1,3-Dichloroprop...	8.179	79	57491	46.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
47) 2-Hexanone-d5	8.632	63	113473	87.979	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	176015	43.363	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	132175	47.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	131680	52.855	ug/L	97
3) Chloromethane	1.523	50	103417	36.291	ug/L	98
5) Vinyl chloride	1.604	62	110950	40.983	ug/L	98
6) Bromomethane	1.858	94	61519	45.951	ug/L	96
8) Chloroethane	1.935	64	61121	41.994	ug/L	96
9) Trichlorofluoromethane	2.137	101	192143	54.020	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	95681	46.877	ug/L	99
12) 1,1-Dichloroethene	2.581	96	90561	46.927	ug/L	96
13) Acetone	2.642	43	133744	87.822	ug/L	95
14) Carbon disulfide	2.797	76	271908	45.457	ug/L	100
15) Methyl Acetate	2.954	43	131956	42.296	ug/L	95
16) Methylene chloride	3.051	84	109063	46.214	ug/L	93
17) trans-1,2-Dichloroethene	3.356	96	99801	48.473	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	353257	50.948	ug/L	97
19) 1,1-Dichloroethane	3.870	63	199495	46.991	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	108792	46.825	ug/L	98
22) 2-Butanone	4.710	43	201891	88.684	ug/L	99
23) Bromochloromethane	4.976	128	59285	48.419	ug/L	94
25) Chloroform	5.089	83	214614	51.193	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	188589	54.715	ug/L	97
29) Cyclohexane	5.391	56	164210	44.252	ug/L	93
30) 1,1,1-Trichloroethane	5.317	97	203336	54.447	ug/L	100
31) Carbon tetrachloride	5.526	117	179074	55.999	ug/L	99
33) Benzene	5.774	78	430291	46.473	ug/L	100
34) Trichloroethene	6.542	95	111530	49.003	ug/L	96
35) Methylcyclohexane	6.764	83	168762	46.474	ug/L	98
37) 1,2-Dichloropropane	6.793	63	113574	43.949	ug/L	100
38) Bromodichloromethane	7.108	83	164694	52.341	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	171815	46.744	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	362876	87.639	ug/L	98
42) Toluene	7.970	91	452789	47.382	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	172138	48.191	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	109958	47.051	ug/L	99
46) Tetrachloroethene	8.555	164	83895	49.068	ug/L	97
48) 2-Hexanone	8.684	43	307531	89.370	ug/L	98
49) Dibromochloromethane	8.809	129	127744	50.899	ug/L	95
50) 1,2-Dibromoethane	8.925	107	118709	48.053	ug/L	99
51) Chlorobenzene	9.446	112	287456	47.741	ug/L	98
52) Ethylbenzene	9.571	91	484040	48.625	ug/L	99
53) m,p-Xylene	9.693	106	188329	49.013	ug/L	100
54) o-Xylene	10.102	106	190099	49.175	ug/L	93
55) Styrene	10.115	104	310772	49.444	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	191045	43.617	ug/L	97
59) Bromoform	10.291	173	94174	46.927	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	166006	44.943	ug/L	98
61) Isopropylbenzene	10.484	105	477414	48.149	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	268723	49.164	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	411251	50.521	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	211229	45.169	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	212378	45.297	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	216755	45.293	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	54409	50.258	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	152666	46.172	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	127909	44.545	ug/L	97
71) Naphthalene	14.085	128	445195	40.260	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	137292	44.955	ug/L	99

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

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