

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051122\
 Data File : VU048528.D
 Acq On : 11 May 2022 19:35
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050123

Quant Time: May 12 03:45:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 03:40:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	268565	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	262545	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	152317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80511	34.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.620%
7) Chloroethane-d5	1.909	69	62850	41.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.280%
11) 1,1-Dichloroethene-d2	2.568	63	180553	43.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.720%
21) 2-Butanone-d5	4.623	46	165726	84.134	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.130%
24) Chloroform-d	5.063	84	206806	51.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	5.700	65	141021	54.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.000%
32) Benzene-d6	5.729	84	368683	46.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
36) 1,2-Dichloropropane-d6	6.690	67	110636	42.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.040%
41) Toluene-d8	7.899	98	357635	50.685	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.360%
43) trans-1,3-Dichloroprop...	8.179	79	64012	53.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.920%
47) 2-Hexanone-d5	8.632	63	122184	97.031	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.030%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	175437	44.269	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.540%
66) 1,2-Dichlorobenzene-d4	12.192	152	150922	50.039	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	113744	46.819	ug/L	99
3) Chloromethane	1.520	50	84595	30.443	ug/L	100
5) Vinyl chloride	1.604	62	93870	35.558	ug/L	99
6) Bromomethane	1.851	94	63359	48.532	ug/L	98
8) Chloroethane	1.932	64	58000	40.865	ug/L	100
9) Trichlorofluoromethane	2.137	101	178621	51.498	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	89604	45.018	ug/L	96
12) 1,1-Dichloroethene	2.581	96	84081	44.680	ug/L	96
13) Acetone	2.626	43	111439	75.041	ug/L	95
14) Carbon disulfide	2.793	76	236125	40.481	ug/L	100
15) Methyl Acetate	2.948	43	112599	37.011	ug/L #	89
16) Methylene chloride	3.047	84	102744	44.646	ug/L	88
17) trans-1,2-Dichloroethene	3.356	96	90206	44.930	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	322661	47.722	ug/L	97
19) 1,1-Dichloroethane	3.870	63	178692	43.164	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	103979	45.894	ug/L	92
22) 2-Butanone	4.700	43	163974	73.865	ug/L	94
23) Bromochloromethane	4.973	128	56721	47.506	ug/L	88
25) Chloroform	5.089	83	199546	48.812	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	171596	51.054	ug/L	97
29) Cyclohexane	5.391	56	137787	38.032	ug/L	88
30) 1,1,1-Trichloroethane	5.317	97	194592	53.370	ug/L	98
31) Carbon tetrachloride	5.526	117	172602	55.284	ug/L	100
33) Benzene	5.774	78	395760	43.780	ug/L	100
34) Trichloroethene	6.542	95	104608	47.077	ug/L	98
35) Methylcyclohexane	6.764	83	154916	43.696	ug/L	96
37) 1,2-Dichloropropane	6.790	63	100767	39.939	ug/L	98
38) Bromodichloromethane	7.105	83	154937	50.434	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	165438	46.101	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	309849	76.648	ug/L #	95
42) Toluene	7.970	91	429664	46.053	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	171276	49.113	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	103632	45.420	ug/L	96
46) Tetrachloroethene	8.552	164	84217	50.451	ug/L	99
48) 2-Hexanone	8.684	43	253929	75.583	ug/L	96
49) Dibromochloromethane	8.809	129	129708	52.935	ug/L	97
50) 1,2-Dibromoethane	8.925	107	117337	48.650	ug/L	99
51) Chlorobenzene	9.446	112	279857	47.606	ug/L	98
52) Ethylbenzene	9.571	91	465879	47.936	ug/L	100
53) m,p-Xylene	9.693	106	187769	50.053	ug/L	100
54) o-Xylene	10.102	106	182432	48.336	ug/L	96
55) Styrene	10.115	104	322208	52.507	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	177448	41.495	ug/L	99
59) Bromoform	10.291	173	100088	46.333	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	155544	39.121	ug/L	96
61) Isopropylbenzene	10.484	105	479403	44.916	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	269328	45.776	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	418704	47.784	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	233113	46.309	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	234440	46.452	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	236008	45.815	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	58184	49.928	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	183060	51.433	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	163836	53.006	ug/L	98
71) Naphthalene	14.085	128	556568	46.758	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	167584	50.978	ug/L	98

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

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