

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048530.D
 Acq On : 12 May 2022 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050124

Quant Time: May 13 03:50:07 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	269374	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	265357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	158284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86730	37.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.780%
7) Chloroethane-d5	1.912	69	64653	42.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.568	63	187676	45.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.920%
21) 2-Butanone-d5	4.620	46	164326	83.173	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.170%
24) Chloroform-d	5.066	84	218330	54.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.360%
26) 1,2-Dichloroethane-d4	5.703	65	147208	56.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.400%
32) Benzene-d6	5.729	84	383771	47.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
36) 1,2-Dichloropropane-d6	6.690	67	116155	44.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.340%
41) Toluene-d8	7.899	98	366930	51.451	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.900%
43) trans-1,3-Dichloroprop...	8.179	79	68253	56.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.780%
47) 2-Hexanone-d5	8.632	63	121341	95.340	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182070	45.456	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	154119	49.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	120128	49.298	ug/L	100
3) Chloromethane	1.520	50	89458	32.096	ug/L	100
5) Vinyl chloride	1.604	62	98981	37.381	ug/L	99
6) Bromomethane	1.851	94	68858	52.586	ug/L	97
8) Chloroethane	1.932	64	61755	43.380	ug/L	97
9) Trichlorofluoromethane	2.137	101	191777	55.125	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	100675	50.429	ug/L	97
12) 1,1-Dichloroethene	2.581	96	90082	47.725	ug/L	97
13) Acetone	2.623	43	145172	97.462	ug/L	98
14) Carbon disulfide	2.793	76	251586	43.002	ug/L	99
15) Methyl Acetate	2.948	43	117302	38.441	ug/L	91
16) Methylene chloride	3.047	84	106912	46.318	ug/L	87
17) trans-1,2-Dichloroethene	3.356	96	96496	47.918	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	333539	49.182	ug/L	97
19) 1,1-Dichloroethane	3.870	63	190346	45.841	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	110257	48.519	ug/L	91
22) 2-Butanone	4.697	43	182226	81.840	ug/L	93
23) Bromochloromethane	4.973	128	60435	50.464	ug/L	84
25) Chloroform	5.089	83	211029	51.466	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	180235	53.463	ug/L	99
29) Cyclohexane	5.391	56	146335	39.963	ug/L	87
30) 1,1,1-Trichloroethane	5.317	97	206134	55.936	ug/L	96
31) Carbon tetrachloride	5.526	117	184039	58.323	ug/L	99
33) Benzene	5.777	78	420253	45.997	ug/L	100
34) Trichloroethene	6.542	95	112256	49.983	ug/L	98
35) Methylcyclohexane	6.764	83	172334	48.094	ug/L	95
37) 1,2-Dichloropropane	6.793	63	107673	42.224	ug/L	99
38) Bromodichloromethane	7.105	83	164992	53.138	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	179315	49.438	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	313542	76.739	ug/L #	93
42) Toluene	7.970	91	461696	48.962	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	185335	52.581	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	111281	48.255	ug/L	99
46) Tetrachloroethene	8.555	164	91333	54.134	ug/L	98
48) 2-Hexanone	8.684	43	267342	78.732	ug/L #	97
49) Dibromochloromethane	8.812	129	137883	55.675	ug/L	98
50) 1,2-Dibromoethane	8.925	107	122644	50.311	ug/L	100
51) Chlorobenzene	9.449	112	297519	50.074	ug/L	99
52) Ethylbenzene	9.571	91	495540	50.447	ug/L	98
53) m,p-Xylene	9.693	106	200673	52.925	ug/L	100
54) o-Xylene	10.102	106	194173	50.902	ug/L	97
55) Styrene	10.115	104	344229	55.501	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	186319	43.108	ug/L	99
59) Bromoform	10.291	173	106487	47.436	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	163549	39.583	ug/L	95
61) Isopropylbenzene	10.484	105	517359	46.645	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	287861	47.081	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	460490	50.572	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	256730	49.078	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	258048	49.202	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	257776	48.154	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	59751	49.340	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	202282	54.691	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	175481	54.633	ug/L	100
71) Naphthalene	14.085	128	568462	45.957	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	180563	52.855	ug/L	98

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

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