

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
 Data File : VU048107.D
 Acq On : 15 Apr 2022 18:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050085

Quant Time: Apr 16 00:37:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 16 00:34:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	386287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	394465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	228479	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	139155	49.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.360%
7) Chloroethane-d5	1.916	69	114115	51.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.320%
11) 1,1-Dichloroethene-d2	2.571	63	237178	46.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
21) 2-Butanone-d5	4.626	46	196236	81.617	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.620%
24) Chloroform-d	5.067	84	242335	47.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
26) 1,2-Dichloroethane-d4	5.703	65	145311	46.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
32) Benzene-d6	5.729	84	492834	49.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
36) 1,2-Dichloropropane-d6	6.693	67	154280	50.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.220%
41) Toluene-d8	7.899	98	461479	47.719	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	8.182	79	68478	44.341	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.680%
47) 2-Hexanone-d5	8.636	63	146784	82.256	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	224922	42.994	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.980%
66) 1,2-Dichlorobenzene-d4	12.195	152	188293	46.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	145686	40.680	ug/L	99
3) Chloromethane	1.523	50	143553	41.915	ug/L	100
5) Vinyl chloride	1.607	62	155993	44.659	ug/L	97
6) Bromomethane	1.858	94	71361	37.957	ug/L	97
8) Chloroethane	1.935	64	97788	44.596	ug/L	94
9) Trichlorofluoromethane	2.141	101	212160	43.073	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	133024	46.721	ug/L	98
12) 1,1-Dichloroethene	2.581	96	120136	45.338	ug/L	96
13) Acetone	2.636	43	190921	85.329	ug/L	99
14) Carbon disulfide	2.797	76	324622	38.757	ug/L	100
15) Methyl Acetate	2.951	43	158827	44.516	ug/L	98
16) Methylene chloride	3.051	84	163186	53.668	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	129099	45.171	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	391243	48.522	ug/L	99
19) 1,1-Dichloroethane	3.874	63	245977	49.903	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	149907	47.843	ug/L	97
22) 2-Butanone	4.706	43	247935	86.022	ug/L	96
23) Bromochloromethane	4.976	128	83727	48.670	ug/L	97
25) Chloroform	5.092	83	258289	48.671	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
 Data File : VU048107.D
 Acq On : 15 Apr 2022 18:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050085

Quant Time: Apr 16 00:37:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 16 00:34:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	194123	47.347	ug/L	98
29) Cyclohexane	5.391	56	191675	47.886	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	211001	47.174	ug/L	99
31) Carbon tetrachloride	5.526	117	180549	44.702	ug/L	99
33) Benzene	5.777	78	567544	49.707	ug/L	100
34) Trichloroethene	6.542	95	141144	47.151	ug/L	99
35) Methylcyclohexane	6.764	83	211024	46.338	ug/L	98
37) 1,2-Dichloropropane	6.793	63	151039	52.036	ug/L	100
38) Bromodichloromethane	7.108	83	191095	47.943	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	220735	49.011	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	424689	92.575	ug/L	99
42) Toluene	7.970	91	618448	49.365	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	215033	47.819	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	156074	50.700	ug/L	99
46) Tetrachloroethene	8.555	164	124199	46.170	ug/L	98
48) 2-Hexanone	8.687	43	366920	92.982	ug/L	98
49) Dibromochloromethane	8.809	129	163715	45.916	ug/L	100
50) 1,2-Dibromoethane	8.925	107	163413	47.351	ug/L	100
51) Chlorobenzene	9.449	112	414158	48.687	ug/L	99
52) Ethylbenzene	9.571	91	597073	45.326	ug/L	100
53) m,p-Xylene	9.693	106	244670	47.336	ug/L	99
54) o-Xylene	10.102	106	225386	44.429	ug/L	99
55) Styrene	10.115	104	393312	45.411	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	261828	45.368	ug/L	99
59) Bromoform	10.291	173	129267	44.245	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	204773	47.542	ug/L	98
61) Isopropylbenzene	10.484	105	615637	49.857	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	327972	48.953	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	514817	50.587	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	334211	48.695	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	339783	47.796	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	337183	49.099	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	57180	41.444	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	266890	47.881	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	239331	49.020	ug/L	100
71) Naphthalene	14.089	128	704904	48.427	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	251224	51.329	ug/L	99

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

