

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048448.D
 Acq On : 05 May 2022 19:33
 Operator : SY/MD
 Sample : N2710-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL87MS

Quant Time: May 06 05:42:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	335657	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347561	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	199735	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	130210	42.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.380%
7) Chloroethane-d5	1.890	69	101609	46.898	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.562	63	207519	41.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.920%
21) 2-Butanone-d5	4.620	46	246988	93.819	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.820%
24) Chloroform-d	5.063	84	251980	45.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
26) 1,2-Dichloroethane-d4	5.700	65	149360	44.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.920%
32) Benzene-d6	5.726	84	536872	48.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	6.690	67	174355	48.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.220%
41) Toluene-d8	7.896	98	494532	49.772	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.540%
43) trans-1,3-Dichloroprop...	8.179	79	75405	47.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.320%
47) 2-Hexanone-d5	8.636	63	190212	97.285	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.290%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	308876	48.598	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	223714	49.790	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	91414	36.042	ug/L	99
3) Chloromethane	1.520	50	103912	35.795	ug/L	100
5) Vinyl chloride	1.604	62	111774	38.208	ug/L	94
6) Bromomethane	1.829	94	47965	35.676	ug/L	100
8) Chloroethane	1.912	64	70539	42.644	ug/L	97
9) Trichlorofluoromethane	2.125	101	160360	42.063	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	109264	43.212	ug/L	97
12) 1,1-Dichloroethene	2.575	96	94549	42.838	ug/L	98
13) Acetone	2.626	43	137467	81.338	ug/L	96
14) Carbon disulfide	2.790	76	176798	32.867	ug/L	100
15) Methyl Acetate	2.944	43	146539	43.679	ug/L	98
16) Methylene chloride	3.044	84	134479	47.260	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	102220	44.581	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	399475	52.804	ug/L	98
19) 1,1-Dichloroethane	3.867	63	223627	46.640	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	135537	49.040	ug/L	96
22) 2-Butanone	4.700	43	239983	96.025	ug/L	96
23) Bromochloromethane	4.973	128	77284	50.085	ug/L	96
25) Chloroform	5.086	83	237258	48.458	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048448.D
 Acq On : 05 May 2022 19:33
 Operator : SY/MD
 Sample : N2710-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL87MS

Quant Time: May 06 05:42:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	164463	46.052	ug/L	100
29) Cyclohexane	5.388	56	144113	43.885	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	189209	48.140	ug/L	98
31) Carbon tetrachloride	5.523	117	158406	47.287	ug/L	100
33) Benzene	5.774	78	498549	48.448	ug/L	100
34) Trichloroethene	6.542	95	119576	47.408	ug/L	98
35) Methylcyclohexane	6.761	83	157260	44.409	ug/L	97
37) 1,2-Dichloropropane	6.790	63	149503	51.064	ug/L	99
38) Bromodichloromethane	7.105	83	176986	47.868	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	205657	49.954	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	478079	108.264	ug/L	98
42) Toluene	7.970	91	533572	49.387	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	198845	49.440	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	156650	50.997	ug/L	99
46) Tetrachloroethene	8.552	164	102290	47.253	ug/L	98
48) 2-Hexanone	8.687	43	393249	106.643	ug/L	97
49) Dibromochloromethane	8.809	129	169255	50.144	ug/L	99
50) 1,2-Dibromoethane	8.925	107	157040	50.414	ug/L	97
51) Chlorobenzene	9.446	112	389100	49.965	ug/L	99
52) Ethylbenzene	9.571	91	570150	50.957	ug/L	100
53) m,p-Xylene	9.693	106	237453	53.779	ug/L	95
54) o-Xylene	10.102	106	247036	55.538	ug/L	96
55) Styrene	10.115	104	423346	55.869	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	319723	52.738	ug/L	100
59) Bromoform	10.291	173	151573	52.290	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	239857	51.477	ug/L	99
61) Isopropylbenzene	10.484	105	609740	54.598	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	332173	56.433	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	518673	57.314	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	331853	53.002	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	327616	51.255	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	349907	53.051	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	61838	49.714	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	246750	53.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	207445	56.439	ug/L	98
71) Naphthalene	14.085	128	699530	66.504	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	224062	59.483	ug/L	99

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

