

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092122\
 Data File : VU050877.D
 Acq On : 21 Sep 2022 12:46
 Operator : JC/MD
 Sample : N4651-05MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ25MSD

Quant Time: Sep 22 02:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	315835	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	287664	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	122899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	121303	37.070	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	74.140%	
7) Chloroethane-d5	1.903	69	108553	46.580	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.160%	
11) 1,1-Dichloroethene-d2	2.565	63	217843	42.784	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.560%	
21) 2-Butanone-d5	4.620	46	323470	153.117	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	153.120%#	
24) Chloroform-d	5.060	84	244855	47.748	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.500%	
26) 1,2-Dichloroethane-d4	5.700	65	160641	50.831	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.660%	
32) Benzene-d6	5.726	84	443476	46.804	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.691	67	160158	50.077	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.160%	
41) Toluene-d8	7.896	98	340011	41.052	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.100%	
43) trans-1,3-Dichloroprop...	8.179	79	65879	47.350	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.700%	
47) 2-Hexanone-d5	8.633	63	190403	144.463	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	144.460%#	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	267656	54.892	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	109.780%	
66) 1,2-Dichlorobenzene-d4	12.192	152	112768	43.824	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	219007	66.967	ug/L	100
3) Chloromethane	1.520	50	242617	63.813	ug/L	98
5) Vinyl chloride	1.601	62	273124	73.379	ug/L	98
6) Bromomethane	1.851	94	132204	70.307	ug/L	97
8) Chloroethane	1.925	64	144550	70.142	ug/L	99
9) Trichlorofluoromethane	2.131	101	282045	69.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	182408	70.587	ug/L	99
12) 1,1-Dichloroethene	2.575	96	162762	67.033	ug/L	86
13) Acetone	2.630	43	282254	157.790	ug/L	100
14) Carbon disulfide	2.790	76	518219	67.493	ug/L	99
15) Methyl Acetate	2.948	43	281887	83.504	ug/L	99
16) Methylene chloride	3.041	84	198441	58.859	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	176481	70.914	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	535078	70.528	ug/L	99
19) 1,1-Dichloroethane	3.864	63	603173	119.949	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	426991	154.742	ug/L	100
22) 2-Butanone	4.700	43	451086	191.311	ug/L	99
23) Bromochloromethane	4.970	128	97297	67.278	ug/L	98
25) Chloroform	5.086	83	339366	67.717	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050877.D
 Acq On : 21 Sep 2022 12:46
 Operator : JC/MD
 Sample : N4651-05MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ25MSD

Quant Time: Sep 22 02:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	262722	68.983	ug/L	100
29) Cyclohexane	5.385	56	304780	76.989	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	357757	93.482	ug/L	98
31) Carbon tetrachloride	5.523	117	235229	73.989	ug/L	100
33) Benzene	5.771	78	783277	73.989	ug/L	100
34) Trichloroethene	6.539	95	202135	82.199	ug/L	98
35) Methylcyclohexane	6.761	83	310888	78.462	ug/L	99
37) 1,2-Dichloropropane	6.790	63	207378	71.586	ug/L	100
38) Bromodichloromethane	7.105	83	252467	73.148	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	279359	72.064	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	733296	183.676	ug/L	100
42) Toluene	7.967	91	803072	76.414	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	270862	73.451	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	198672	74.419	ug/L	99
46) Tetrachloroethene	8.552	164	138787	78.537	ug/L	99
48) 2-Hexanone	8.684	43	637758	191.175	ug/L	99
49) Dibromochloromethane	8.806	129	193142	73.786	ug/L	97
50) 1,2-Dibromoethane	8.922	107	206157	74.430	ug/L	98
51) Chlorobenzene	9.443	112	454952	70.909	ug/L	99
52) Ethylbenzene	9.568	91	781351	74.526	ug/L	99
53) m,p-Xylene	9.690	106	297924	76.433	ug/L	99
54) o-Xylene	10.099	106	294588	75.852	ug/L	100
55) Styrene	10.112	104	512426	76.956	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	358471	72.568	ug/L	100
59) Bromoform	10.288	173	147493	83.148	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	298449	86.335	ug/L	100
61) Isopropylbenzene	10.481	105	750805	85.485	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	618456	85.659	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	614100	85.887	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	320912	79.901	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	321675	78.890	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	335395	78.867	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	95624	100.576	ug/L	97
69) 1,3,5-Trichlorobenzene	13.218	180	222915	79.326	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	181874	79.087	ug/L	99
71) Naphthalene	14.083	128	768221	86.921	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	209624	81.446	ug/L	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
Data File : VU050877.D
Acq On : 21 Sep 2022 12:46
Operator : JC/MD
Sample : N4651-05MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ25MSD

Quant Time: Sep 22 02:13:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 22 02:11:06 2022
Response via : Initial Calibration

