

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053292.D
 Acq On : 18 Mar 2023 01:55
 Operator : JC/MD
 Sample : 01930-11MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8MS

Quant Time: Mar 18 05:01:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	122951	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	113520	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	56276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51266	45.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.400%
7) Chloroethane-d5	1.909	69	37676	41.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.120%
11) 1,1-Dichloroethene-d2	2.565	63	81285	41.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.740%
21) 2-Butanone-d5	4.610	46	61280	116.482	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.057	84	82708	44.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.540%
26) 1,2-Dichloroethane-d4	5.697	65	55666	47.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
32) Benzene-d6	5.722	84	169644	46.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
36) 1,2-Dichloropropane-d6	6.684	67	56326	47.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	7.893	98	154070	44.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
43) trans-1,3-Dichloroprop...	8.173	79	26660	45.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.940%
47) 2-Hexanone-d5	8.626	63	46987	126.470	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.470%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	82333	53.482	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.960%
66) 1,2-Dichlorobenzene-d4	12.188	152	52445	48.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	49880	38.867	ug/L	99
3) Chloromethane	1.520	50	48271	40.819	ug/L	98
5) Vinyl chloride	1.604	62	779344	602.455	ug/L	99
6) Bromomethane	1.851	94	25348	32.598	ug/L	96
8) Chloroethane	1.932	64	31629	41.393	ug/L	100
9) Trichlorofluoromethane	2.137	101	66405	41.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	37715	38.628	ug/L	97
12) 1,1-Dichloroethene	2.578	96	36313	40.216	ug/L	97
13) Acetone	2.616	43	36192	60.403	ug/L	98
14) Carbon disulfide	2.790	76	106401	38.906	ug/L	99
15) Methyl Acetate	2.941	43	37126	45.206	ug/L	100
16) Methylene chloride	3.041	84	42084	38.418	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	38092	41.578	ug/L	98
18) Methyl tert-butyl Ether	3.356	73	136000	44.146	ug/L	99
19) 1,1-Dichloroethane	3.864	63	79185	42.342	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	367683	341.689	ug/L	97
22) 2-Butanone	4.694	43	60350	88.409	ug/L	92
23) Bromochloromethane	4.967	128	21760	42.410	ug/L	95
25) Chloroform	5.083	83	81385	43.489	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053292.D
 Acq On : 18 Mar 2023 01:55
 Operator : JC/MD
 Sample : 01930-11MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8MS

Quant Time: Mar 18 05:01:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	64667	43.774	ug/L	99
29) Cyclohexane	5.382	56	69060	40.827	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	67314	43.503	ug/L	98
31) Carbon tetrachloride	5.520	117	54192	42.749	ug/L	99
33) Benzene	5.767	78	176932	44.956	ug/L	100
34) Trichloroethene	6.536	95	45407	44.248	ug/L	99
35) Methylcyclohexane	6.758	83	71437	39.714	ug/L	99
37) 1,2-Dichloropropane	6.784	63	49141	44.754	ug/L	99
38) Bromodichloromethane	7.099	83	61408	44.939	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	76994	42.680	ug/L	98
40) 4-Methyl-2-pentanone	7.783	43	122826	108.830	ug/L	99
42) Toluene	7.964	91	188308	44.506	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	73831	44.772	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	45927	45.935	ug/L	98
46) Tetrachloroethene	8.549	164	27808	41.652	ug/L	96
48) 2-Hexanone	8.677	43	95270	100.806	ug/L	99
49) Dibromochloromethane	8.803	129	43070	42.112	ug/L	97
50) 1,2-Dibromoethane	8.918	107	49199	46.181	ug/L	95
51) Chlorobenzene	9.443	112	120123	45.552	ug/L	99
52) Ethylbenzene	9.565	91	214932	44.794	ug/L	99
53) m,p-Xylene	9.690	106	78915	44.065	ug/L	99
54) o-Xylene	10.095	106	78174	44.135	ug/L	97
55) Styrene	10.111	104	129368	43.824	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	82000	50.024	ug/L	98
59) Bromoform	10.285	173	29311	45.768	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	63421	56.714	ug/L	97
61) Isopropylbenzene	10.481	105	206415	46.423	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	166390	45.208	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	162123	45.190	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	84074	45.085	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	84104	44.926	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	83488	44.794	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	18331	59.280	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	50750	42.925	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	47860	45.052	ug/L	99
71) Naphthalene	14.082	128	196598	54.907	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	47899	47.546	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053292.D
Acq On : 18 Mar 2023 01:55
Operator : JC/MD
Sample : 01930-11MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

Quant Time: Mar 18 05:01:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 18 04:29:10 2023
Response via : Initial Calibration

