

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056492.D
 Acq On : 18 Nov 2023 20:03
 Operator : MD/SY
 Sample : 05436-02MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1D1MS

Quant Time: Nov 18 23:15:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	292174	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	284419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	144254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68497	3.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.908	69	63674	3.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.560	65	32851	3.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.618	46	250575	57.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.000%
24) Chloroform-d	5.055	84	192870	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	97423	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	348051	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	111825	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.891	98	302105	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	44235	4.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.628	63	218335	56.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	96659	5.297	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	120407	4.518	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	112735	4.870	ug/L	100
3) Chloromethane	1.515	50	112065	4.737	ug/L	98
5) Vinyl chloride	1.602	62	107499	4.716	ug/L	96
6) Bromomethane	1.853	94	50811	4.404	ug/L	94
8) Chloroethane	1.927	64	64653	4.643	ug/L	94
9) Trichlorofluoromethane	2.133	101	162497	4.947	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	97830	5.017	ug/L	99
12) 1,1-Dichloroethene	2.576	96	86259	4.823	ug/L	87
13) Acetone	2.628	43	121933	32.853	ug/L	98
14) Carbon disulfide	2.789	76	244633	4.203	ug/L	97
15) Methyl Acetate	2.946	43	31794	4.814	ug/L	100
16) Methylene chloride	3.039	84	103844	4.387	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	222294	5.116	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	88955	4.834	ug/L	97
19) 1,1-Dichloroethane	3.862	63	182344	5.002	ug/L	97
21) 2-Butanone	4.698	43	211310	43.877	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	107072	5.131	ug/L	96
23) Bromochloromethane	4.969	128	45607	5.309	ug/L	94
25) Chloroform	5.081	83	196817	4.984	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056492.D
 Acq On : 18 Nov 2023 20:03
 Operator : MD/SY
 Sample : 05436-02MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1D1MS

Quant Time: Nov 18 23:15:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116073	5.176	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	168262	5.154	ug/L	99
30) Cyclohexane	5.380	56	135191	4.363	ug/L	99
31) Carbon tetrachloride	5.518	117	143202	5.107	ug/L	98
33) Benzene	5.769	78	399944	4.928	ug/L	100
34) Trichloroethene	6.538	95	106663	4.824	ug/L	97
35) Methylcyclohexane	6.759	83	143585	4.498	ug/L	98
37) 1,2-Dichloropropane	6.785	63	106697	5.042	ug/L	100
38) Bromodichloromethane	7.100	83	134602	4.927	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	151617	4.875	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	537764	51.260	ug/L	99
42) Toluene	7.965	91	423837	5.045	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	126075	5.086	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	74974	5.319	ug/L	96
47) Tetrachloroethene	8.550	164	75623	5.072	ug/L	99
48) 2-Hexanone	8.679	43	395780	48.426	ug/L	98
49) Dibromochloromethane	8.804	129	84761	5.288	ug/L	93
50) 1,2-Dibromoethane	8.920	107	68258	5.130	ug/L	96
51) Chlorobenzene	9.444	112	274136	5.078	ug/L	99
52) Ethylbenzene	9.566	91	473476	5.075	ug/L	100
53) m,p-Xylene	9.689	106	178033	5.191	ug/L	96
54) o-Xylene	10.097	106	172420	5.175	ug/L	98
55) Styrene	10.110	104	297034	5.360	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	91798	5.334	ug/L #	96
59) Bromoform	10.283	173	49594	5.519	ug/L	95
60) Isopropylbenzene	10.480	105	470433	5.057	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	63525	5.132	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	379957	4.974	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	379506	5.033	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	220403	5.208	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	211496	4.982	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	202189	5.208	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	13919	5.265	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.216	180	159302	5.000	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	126997	4.894	ug/L	98
71) Naphthalene	14.081	128	185850	4.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	108510	5.076	ug/L	98

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

