

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056442.D
 Acq On : 17 Nov 2023 15:14
 Operator : MD/SY
 Sample : 05389-15MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCG91MSD

Quant Time: Nov 17 23:21:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 23:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	272892	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	267046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88292	4.326	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.911	69	75541	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.560	65	40117	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.624	46	239204	58.772	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.540%
24) Chloroform-d	5.055	84	204174	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.695	65	96210	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.721	84	379643	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.685	67	117903	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.894	98	333325	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.174	79	42652	4.638	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	212217	58.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92053	5.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	122819	5.027	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	111692	5.166	ug/L	97
3) Chloromethane	1.515	50	110502	5.001	ug/L	97
5) Vinyl chloride	1.602	62	108660	5.104	ug/L	99
6) Bromomethane	1.856	94	58614	5.440	ug/L	98
8) Chloroethane	1.930	64	65951	5.071	ug/L	97
9) Trichlorofluoromethane	2.132	101	154565	5.038	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	95387	5.237	ug/L	99
12) 1,1-Dichloroethene	2.576	96	86768	5.194	ug/L	91
13) Acetone	2.634	43	122814	35.429	ug/L	100
14) Carbon disulfide	2.788	76	256368	4.716	ug/L	99
15) Methyl Acetate	2.949	43	24333	3.944	ug/L	94
16) Methylene chloride	3.042	84	98275	4.445	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	219097	5.398	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	88794	5.166	ug/L	96
19) 1,1-Dichloroethane	3.862	63	178422	5.240	ug/L	99
21) 2-Butanone	4.705	43	212489	47.240	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	102698	5.269	ug/L	95
23) Bromochloromethane	4.968	128	44909	5.597	ug/L	96
25) Chloroform	5.081	83	193360	5.242	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	113544	5.421	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	164830	5.377	ug/L	99
30) Cyclohexane	5.383	56	141704	4.871	ug/L	100
31) Carbon tetrachloride	5.518	117	142047	5.395	ug/L	99
33) Benzene	5.769	78	399056	5.237	ug/L	100
34) Trichloroethene	6.537	95	105871	5.100	ug/L	98
35) Methylcyclohexane	6.759	83	144412	4.818	ug/L	99
37) 1,2-Dichloropropane	6.785	63	103640	5.216	ug/L	100
38) Bromodichloromethane	7.100	83	134465	5.242	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	141615	4.850	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	532251	54.035	ug/L	98
42) Toluene	7.965	91	423686	5.371	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	114314	4.911	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	70923	5.359	ug/L	97
47) Tetrachloroethene	8.550	164	72375	5.170	ug/L	97
48) 2-Hexanone	8.679	43	393196	51.239	ug/L	99
49) Dibromochloromethane	8.804	129	82371	5.473	ug/L	97
50) 1,2-Dibromoethane	8.917	107	66473	5.321	ug/L #	98
51) Chlorobenzene	9.441	112	267994	5.287	ug/L	99
52) Ethylbenzene	9.566	91	475024	5.423	ug/L	99
53) m,p-Xylene	9.692	106	178492	5.543	ug/L	100
54) o-Xylene	10.097	106	172231	5.506	ug/L	98
55) Styrene	10.110	104	296076	5.690	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	88490	5.476	ug/L	97
59) Bromoform	10.286	173	47092	5.716	ug/L	99
60) Isopropylbenzene	10.479	105	467648	5.483	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	61443	5.414	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	374922	5.353	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	374269	5.414	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	216901	5.590	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	211745	5.441	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	195633	5.496	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	11808	4.871	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	148717	5.091	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	126350	5.310	ug/L	99
71) Naphthalene	14.084	128	199401	5.547	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	109505	5.587	ug/L	98

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

