

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056298.D
 Acq On : 14 Nov 2023 11:20
 Operator : MD/SY
 Sample : 05333-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCG73MS

Quant Time: Nov 15 00:39:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	300839	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	292453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	148179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100043	4.446	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.907	69	87686	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.563	65	47262	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.618	46	219610	48.945	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	5.055	84	212036	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	101005	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.721	84	410770	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.685	67	126068	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	368922	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	49388	4.904	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	198627	50.184	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92626	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	123321	4.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	134813	5.656	ug/L	98
3) Chloromethane	1.518	50	121157	4.974	ug/L	100
5) Vinyl chloride	1.602	62	127263	5.423	ug/L	99
6) Bromomethane	1.853	94	52602	4.428	ug/L	89
8) Chloroethane	1.930	64	85497	5.964	ug/L	98
9) Trichlorofluoromethane	2.136	101	195409	5.778	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	115647	5.760	ug/L	99
12) 1,1-Dichloroethene	2.576	96	104631	5.682	ug/L	92
13) Acetone	2.624	43	129641	33.924	ug/L	97
14) Carbon disulfide	2.792	76	324404	5.413	ug/L	98
15) Methyl Acetate	2.946	43	36699	5.396	ug/L	98
16) Methylene chloride	3.039	84	113101	4.641	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	247647	5.535	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	110388	5.826	ug/L	95
19) 1,1-Dichloroethane	3.862	63	211271	5.629	ug/L	99
21) 2-Butanone	4.698	43	228949	46.171	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	120857	5.624	ug/L	97
23) Bromochloromethane	4.968	128	48950	5.534	ug/L	97
25) Chloroform	5.081	83	219774	5.405	ug/L	98

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27) 1,2-Dichloroethane	5.788	62	133055	5.763	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	193878	5.775	ug/L	100
30) Cyclohexane	5.383	56	176874	5.551	ug/L	99
31) Carbon tetrachloride	5.518	117	164375	5.701	ug/L	98
33) Benzene	5.769	78	470898	5.643	ug/L	100
34) Trichloroethene	6.537	95	126642	5.570	ug/L	98
35) Methylcyclohexane	6.756	83	183766	5.599	ug/L	99
37) 1,2-Dichloropropane	6.785	63	119708	5.501	ug/L	100
38) Bromodichloromethane	7.100	83	151160	5.381	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	177586	5.554	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	598816	55.511	ug/L	99
42) Toluene	7.965	91	497094	5.754	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	142570	5.593	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	81521	5.625	ug/L	98
47) Tetrachloroethene	8.550	164	86814	5.662	ug/L	98
48) 2-Hexanone	8.679	43	435130	51.778	ug/L	99
49) Dibromochloromethane	8.804	129	92992	5.642	ug/L	99
50) 1,2-Dibromoethane	8.917	107	76750	5.609	ug/L	99
51) Chlorobenzene	9.444	112	306163	5.515	ug/L	98
52) Ethylbenzene	9.566	91	547209	5.704	ug/L	99
53) m,p-Xylene	9.692	106	206250	5.848	ug/L	99
54) o-Xylene	10.097	106	199131	5.813	ug/L	96
55) Styrene	10.110	104	339478	5.957	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	99758	5.637	ug/L	96
59) Bromoform	10.286	173	52369	5.674	ug/L	97
60) Isopropylbenzene	10.479	105	541953	5.671	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	71057	5.589	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	457035	5.825	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	454139	5.864	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	243045	5.591	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	238425	5.468	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	223750	5.610	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	13856	5.102	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	175819	5.372	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	141296	5.301	ug/L	100
71) Naphthalene	14.081	128	211263	5.245	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	118019	5.375	ug/L	97

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

