

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056798.D
 Acq On : 12 Dec 2023 20:10
 Operator : MD/SY
 Sample : 05664-06MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y31MSD

Quant Time: Dec 13 00:36:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	253908	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	249321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	87432	4.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.907	69	66571	4.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.563	65	40301	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	215930	50.238	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.480%
24) Chloroform-d	5.055	84	197768	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.695	65	94150	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	369152	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	116039	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	331672	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.174	79	43677	4.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	184068	51.993	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88591	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	113213	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	124681	4.686	ug/L	99
3) Chloromethane	1.515	50	136398	5.214	ug/L	97
5) Vinyl chloride	1.602	62	125767	4.841	ug/L	97
6) Bromomethane	1.853	94	68212	4.453	ug/L	95
8) Chloroethane	1.930	64	70574	4.637	ug/L	97
9) Trichlorofluoromethane	2.136	101	179530	4.903	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	106346	4.736	ug/L	97
12) 1,1-Dichloroethene	2.576	96	100384	4.870	ug/L	91
13) Acetone	2.628	43	120760	46.103	ug/L	99
14) Carbon disulfide	2.788	76	334135	4.672	ug/L	100
15) Methyl Acetate	2.949	43	35513	4.981	ug/L	93
16) Methylene chloride	3.039	84	108402	4.827	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	224857	4.919	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	102492	4.904	ug/L	98
19) 1,1-Dichloroethane	3.862	63	196958	4.899	ug/L	98
21) 2-Butanone	4.698	43	204547	46.307	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	111286	4.894	ug/L	98
23) Bromochloromethane	4.968	128	47173	4.956	ug/L	98
25) Chloroform	5.081	83	203948	4.842	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	122097	4.902	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	181705	5.042	ug/L	98
30) Cyclohexane	5.383	56	166857	4.933	ug/L	99
31) Carbon tetrachloride	5.518	117	153145	4.889	ug/L	100
33) Benzene	5.769	78	437102	4.988	ug/L	100
34) Trichloroethene	6.537	95	115521	4.806	ug/L	99
35) Methylcyclohexane	6.756	83	169360	4.775	ug/L	100
37) 1,2-Dichloropropane	6.785	63	114418	5.105	ug/L	99
38) Bromodichloromethane	7.100	83	140048	4.900	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	158483	4.851	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	540990	50.830	ug/L	99
42) Toluene	7.965	91	480189	5.296	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	132797	4.960	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	74652	4.926	ug/L	96
47) Tetrachloroethene	8.547	164	81695	4.857	ug/L	97
48) 2-Hexanone	8.679	43	384466	50.719	ug/L	99
49) Dibromochloromethane	8.804	129	84163	4.832	ug/L	97
50) 1,2-Dibromoethane	8.917	107	70382	5.005	ug/L	97
51) Chlorobenzene	9.441	112	284313	4.920	ug/L	98
52) Ethylbenzene	9.566	91	497190	4.971	ug/L	98
53) m,p-Xylene	9.688	106	192571	5.168	ug/L	93
54) o-Xylene	10.097	106	176535	4.973	ug/L	100
55) Styrene	10.110	104	305789	5.246	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	92447	5.050	ug/L #	99
59) Bromoform	10.286	173	47314	4.645	ug/L	99
60) Isopropylbenzene	10.479	105	488473	4.956	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	65435	4.885	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	405385	5.032	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	414685	5.183	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	226870	4.866	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	218354	4.756	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	199591	4.699	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	11705	4.377	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	155152	4.404	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	122581	4.394	ug/L	99
71) Naphthalene	14.081	128	171994	4.213	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	100161	4.229	ug/L	97

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

