

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056800.D
 Acq On : 12 Dec 2023 20:57
 Operator : MD/SY
 Sample : 05683-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J9MSD

Quant Time: Dec 13 00:37:41 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	6.242	114	252961	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246275	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128556	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	87623	4.041	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.800%	
7) Chloroethane-d5	1.907	69	73525	4.531	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.563	65	39588	4.267	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	4.615	46	223560	52.208	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.420%	
24) Chloroform-d	5.055	84	221129	5.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.800%	
26) 1,2-Dichloroethane-d4	5.695	65	95795	4.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.721	84	373240	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.682	67	116932	4.891	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.891	98	333127	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
43) trans-1,3-Dichloroprop...	8.174	79	47043	5.074	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.400%	
46) 2-Hexanone-d5	8.627	63	195709	55.964	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.920%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	90941	5.257	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	117935	4.667	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	122347	4.616	ug/L	99
3) Chloromethane	1.518	50	125604	4.819	ug/L	99
5) Vinyl chloride	1.602	62	127701	4.934	ug/L	99
6) Bromomethane	1.853	94	65080	4.265	ug/L	97
8) Chloroethane	1.930	64	77487	5.111	ug/L	97
9) Trichlorofluoromethane	2.136	101	178320	4.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	108096	4.832	ug/L	97
12) 1,1-Dichloroethene	2.576	96	101215	4.928	ug/L	90
13) Acetone	2.624	43	120034	45.998	ug/L	99
14) Carbon disulfide	2.788	76	338715	4.754	ug/L	99
15) Methyl Acetate	2.946	43	33619	4.733	ug/L	97
16) Methylene chloride	3.042	84	106962	4.780	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	236326	5.190	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	105397	5.062	ug/L	95
19) 1,1-Dichloroethane	3.862	63	202830	5.064	ug/L	98
21) 2-Butanone	4.695	43	214452	48.731	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	123429	5.449	ug/L	96
23) Bromochloromethane	4.968	128	48295	5.092	ug/L	96
25) Chloroform	5.078	83	780891	18.611	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125151	5.043	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	184975	5.196	ug/L	99
30) Cyclohexane	5.383	56	170077	5.090	ug/L	98
31) Carbon tetrachloride	5.518	117	1774825	57.361	ug/L	100
33) Benzene	5.769	78	446926	5.164	ug/L	100
34) Trichloroethene	6.537	95	128275	5.403	ug/L	96
35) Methylcyclohexane	6.759	83	174391	4.977	ug/L	99
37) 1,2-Dichloropropane	6.782	63	115076	5.198	ug/L	100
38) Bromodichloromethane	7.097	83	144631	5.122	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	166478	5.159	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	548398	52.163	ug/L	98
42) Toluene	7.965	91	473740	5.290	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	133945	5.065	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	76780	5.130	ug/L	97
47) Tetrachloroethene	8.547	164	92492	5.567	ug/L	98
48) 2-Hexanone	8.679	43	401881	53.672	ug/L	98
49) Dibromochloromethane	8.804	129	87758	5.101	ug/L	96
50) 1,2-Dibromoethane	8.917	107	72708	5.234	ug/L #	94
51) Chlorobenzene	9.441	112	551685	9.665	ug/L	99
52) Ethylbenzene	9.566	91	518911	5.253	ug/L	99
53) m,p-Xylene	9.688	106	195547	5.313	ug/L	97
54) o-Xylene	10.093	106	183031	5.220	ug/L	100
55) Styrene	10.110	104	315548	5.480	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	95513	5.282	ug/L	99
59) Bromoform	10.283	173	50472	4.808	ug/L	100
60) Isopropylbenzene	10.479	105	507097	4.993	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	65368	4.736	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	417519	5.030	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	407242	4.939	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	1599306	33.286	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	3811625	80.567	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	3740016	85.448	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	14216	5.158	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	169724	4.675	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	277761	9.662	ug/L	98
71) Naphthalene	14.080	128	212928	5.061	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	182032	7.458	ug/L	98

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

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