

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056799.D
 Acq On : 12 Dec 2023 20:34
 Operator : MD/SY
 Sample : 05683-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J9MS

Quant Time: Dec 13 00:37:09 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	256422	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	249814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130061	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90374	4.112	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.907	69	67705	4.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.563	65	40323	4.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.615	46	224114	51.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.260%
24) Chloroform-d	5.055	84	230363	5.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	5.692	65	97630	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	385140	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.682	67	121107	4.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.894	98	337160	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.174	79	46778	4.974	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.627	63	203162	57.273	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92945	5.297	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	130080	5.088	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	127408	4.742	ug/L	96
3) Chloromethane	1.515	50	128273	4.855	ug/L	98
5) Vinyl chloride	1.602	62	131072	4.996	ug/L	97
6) Bromomethane	1.853	94	69138	4.469	ug/L	95
8) Chloroethane	1.930	64	70286	4.573	ug/L	95
9) Trichlorofluoromethane	2.136	101	184216	4.982	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	110378	4.867	ug/L	99
12) 1,1-Dichloroethene	2.576	96	101651	4.883	ug/L	94
13) Acetone	2.627	43	127752	48.295	ug/L	99
14) Carbon disulfide	2.788	76	345470	4.783	ug/L	100
15) Methyl Acetate	2.946	43	32941	4.575	ug/L	98
16) Methylene chloride	3.039	84	110577	4.875	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	236138	5.116	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	106165	5.030	ug/L	98
19) 1,1-Dichloroethane	3.862	63	206131	5.077	ug/L	100
21) 2-Butanone	4.698	43	218464	48.973	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	125362	5.459	ug/L	99
23) Bromochloromethane	4.965	128	48161	5.010	ug/L	98
25) Chloroform	5.078	83	786366	18.488	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125073	4.972	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	190518	5.276	ug/L	99
30) Cyclohexane	5.383	56	171982	5.075	ug/L	96
31) Carbon tetrachloride	5.518	117	1768936	56.361	ug/L	100
33) Benzene	5.769	78	459753	5.237	ug/L	100
34) Trichloroethene	6.537	95	130828	5.432	ug/L	97
35) Methylcyclohexane	6.756	83	173477	4.881	ug/L	98
37) 1,2-Dichloropropane	6.785	63	119825	5.335	ug/L	100
38) Bromodichloromethane	7.100	83	148248	5.176	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	170394	5.206	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	559162	52.433	ug/L	98
42) Toluene	7.965	91	480383	5.288	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	139006	5.182	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	78601	5.177	ug/L	98
47) Tetrachloroethene	8.547	164	93829	5.567	ug/L	99
48) 2-Hexanone	8.679	43	418411	55.088	ug/L	99
49) Dibromochloromethane	8.804	129	87751	5.028	ug/L	95
50) 1,2-Dibromoethane	8.920	107	72880	5.172	ug/L	98
51) Chlorobenzene	9.441	112	548403	9.472	ug/L	99
52) Ethylbenzene	9.566	91	523906	5.228	ug/L	98
53) m,p-Xylene	9.688	106	199694	5.349	ug/L	96
54) o-Xylene	10.093	106	187619	5.275	ug/L	99
55) Styrene	10.110	104	319746	5.475	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	97583	5.320	ug/L	97
59) Bromoform	10.286	173	51540	4.853	ug/L	99
60) Isopropylbenzene	10.479	105	511508	4.978	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	66056	4.730	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	417090	4.966	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	417121	5.001	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	1568823	32.274	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	3738736	78.112	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	3830690	86.507	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	15859	5.688	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	180370	4.911	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	267158	9.185	ug/L	99
71) Naphthalene	14.080	128	209353	4.919	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	172334	6.979	ug/L	98

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

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