

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059774.D
 Acq On : 03 Jul 2024 05:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Quant Time: Jul 03 06:08:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175821	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	93079	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	62575	5.118	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.907	69	52070	4.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	23033	4.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.621	46	116217	46.148	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.300%
24) Chloroform-d	5.055	84	110204	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	52248	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.717	84	224807	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	67026	4.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	213899	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	22935	4.895	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.624	63	100597	51.671	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55916	4.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	78470	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63786	4.282	ug/L	100
3) Chloromethane	1.515	50	70515	4.398	ug/L	97
5) Vinyl chloride	1.599	62	82104	4.635	ug/L	99
6) Bromomethane	1.853	94	47725	3.875	ug/L	96
8) Chloroethane	1.930	64	52650	4.933	ug/L	98
9) Trichlorofluoromethane	2.132	101	100403	4.709	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	62853	4.657	ug/L	92
12) 1,1-Dichloroethene	2.573	96	58672	4.705	ug/L	93
13) Acetone	2.634	43	72322	44.271	ug/L	92
14) Carbon disulfide	2.788	76	183905	4.420	ug/L	98
15) Methyl Acetate	2.949	43	20207	4.687	ug/L #	90
16) Methylene chloride	3.036	84	68532	4.638	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	134179	4.993	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	63320	4.883	ug/L	91
19) 1,1-Dichloroethane	3.859	63	115608	4.834	ug/L	99
21) 2-Butanone	4.701	43	124003	47.325	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	70426	4.927	ug/L	96
23) Bromochloromethane	4.965	128	32156	4.934	ug/L	88
25) Chloroform	5.078	83	122890	4.879	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71198	4.665	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	97050	4.736	ug/L	97
30) Cyclohexane	5.380	56	87968	4.863	ug/L	96
31) Carbon tetrachloride	5.518	117	82094	4.785	ug/L	98
33) Benzene	5.766	78	273999	5.085	ug/L	100
34) Trichloroethene	6.534	95	70734	4.847	ug/L	98
35) Methylcyclohexane	6.756	83	97144	4.679	ug/L	95
37) 1,2-Dichloropropane	6.782	63	70764	5.075	ug/L #	97
38) Bromodichloromethane	7.097	83	84894	4.878	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	89565	4.697	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	314609	48.692	ug/L #	93
42) Toluene	7.962	91	296191	5.192	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	72362	4.728	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	51653	5.027	ug/L	98
47) Tetrachloroethene	8.547	164	56089	4.953	ug/L	97
48) 2-Hexanone	8.676	43	227503	49.336	ug/L #	91
49) Dibromochloromethane	8.801	129	55522	4.878	ug/L	100
50) 1,2-Dibromoethane	8.917	107	48576	5.119	ug/L	97
51) Chlorobenzene	9.441	112	181820	5.025	ug/L	97
52) Ethylbenzene	9.563	91	296532	5.067	ug/L	98
53) m,p-Xylene	9.688	106	116306	5.175	ug/L	98
54) o-Xylene	10.094	106	109829	5.149	ug/L	99
55) Styrene	10.106	104	191533	5.275	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	61683	4.948	ug/L	99
59) Bromoform	10.283	173	34274	4.811	ug/L	97
60) Isopropylbenzene	10.476	105	293418	5.103	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	41431	4.817	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	222914	4.894	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	221509	5.086	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	146724	5.017	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	149708	4.973	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	137759	5.006	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8069	4.809	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	106640	4.926	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	83923	5.054	ug/L	99
71) Naphthalene	14.080	128	115129	4.844	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	73531	4.769	ug/L	98

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

