

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071223\
 Data File : VU054781.D
 Acq On : 12 Jul 2023 12:49
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Quant Time: Jul 13 05:25:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 13 05:24:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	235373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	230611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	118622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83668	4.710	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.907	69	71313	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.563	65	33987	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.627	46	206092	51.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.120%
24) Chloroform-d	5.058	84	156510	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.698	65	82103	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.724	84	299665	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.688	67	95181	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.894	98	281611	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.177	79	38408	4.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.630	63	152427	50.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	76173	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	107223	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89086	4.873	ug/L	97
3) Chloromethane	1.518	50	96830	4.742	ug/L	98
5) Vinyl chloride	1.602	62	94311	4.752	ug/L	99
6) Bromomethane	1.856	94	56487	4.684	ug/L	100
8) Chloroethane	1.930	64	55207	4.863	ug/L	98
9) Trichlorofluoromethane	2.132	101	125380	4.848	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	65220	5.048	ug/L	99
12) 1,1-Dichloroethene	2.576	96	59162	4.913	ug/L	85
13) Acetone	2.637	43	99864	47.377	ug/L	97
14) Carbon disulfide	2.788	76	196641	4.850	ug/L	99
15) Methyl Acetate	2.952	43	24275	4.657	ug/L	94
16) Methylene chloride	3.042	84	76675	4.302	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	139812	4.921	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	60293	4.862	ug/L	98
19) 1,1-Dichloroethane	3.865	63	117567	4.891	ug/L	94
21) 2-Butanone	4.708	43	156187	49.170	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	65189	4.828	ug/L	98
23) Bromochloromethane	4.971	128	29823	4.966	ug/L	94
25) Chloroform	5.084	83	119220	4.732	ug/L	96

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27) 1,2-Dichloroethane	5.791	62	76840	4.721	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	107376	4.826	ug/L	99
30) Cyclohexane	5.386	56	98092	4.955	ug/L	99
31) Carbon tetrachloride	5.521	117	95140	4.764	ug/L	100
33) Benzene	5.772	78	250785	4.831	ug/L	100
34) Trichloroethene	6.537	95	69949	4.813	ug/L	98
35) Methylcyclohexane	6.759	83	97054	4.776	ug/L	99
37) 1,2-Dichloropropane	6.788	63	66841	4.906	ug/L	98
38) Bromodichloromethane	7.103	83	85200	4.868	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	94870	4.655	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	368090	48.205	ug/L	100
42) Toluene	7.968	91	273547	4.971	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	86842	4.929	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	46776	4.795	ug/L	97
47) Tetrachloroethene	8.553	164	55591	4.723	ug/L	94
48) 2-Hexanone	8.682	43	277455	50.460	ug/L	99
49) Dibromochloromethane	8.807	129	54925	4.837	ug/L	97
50) 1,2-Dibromoethane	8.923	107	44032	4.730	ug/L	99
51) Chlorobenzene	9.444	112	169585	4.811	ug/L	98
52) Ethylbenzene	9.569	91	287898	4.888	ug/L	98
53) m,p-Xylene	9.692	106	110502	4.911	ug/L	99
54) o-Xylene	10.100	106	106106	5.049	ug/L	96
55) Styrene	10.113	104	176440	4.966	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.782	83	57150	4.805	ug/L	97
59) Bromoform	10.290	173	34746	5.007	ug/L	98
60) Isopropylbenzene	10.483	105	285615	5.189	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	39859	4.611	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	232069	5.082	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	227524	5.214	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	138163	4.985	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	136896	4.959	ug/L	96
67) 1,2-Dichlorobenzene	12.212	146	126604	4.970	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	9611	4.569	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	102977	4.971	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	80995	4.866	ug/L	98
71) Naphthalene	14.087	128	121376	4.618	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	72100	4.844	ug/L	99

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

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