

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050023.D
 Acq On : 29 Jul 2022 07:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Jul 29 08:11:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	98173	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	95521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38999	4.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.912	69	31665	5.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.565	65	14130	4.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.639	46	111844	59.607	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.220%
24) Chloroform-d	5.063	84	73493	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.703	65	37611	5.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.729	84	146297	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.690	67	48229	5.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.899	98	130978	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.179	79	15087	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.635	63	65278	53.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43262	5.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	42212	5.277	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	33747	4.454	ug/L	99
3) Chloromethane	1.520	50	42995	4.789	ug/L	95
5) Vinyl chloride	1.600	62	40806	4.836	ug/L	99
6) Bromomethane	1.858	94	24153	5.171	ug/L	99
8) Chloroethane	1.932	64	24990	5.223	ug/L	96
9) Trichlorofluoromethane	2.137	101	47557	4.785	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	26409	4.513	ug/L	96
12) 1,1-Dichloroethene	2.578	96	26884	4.962	ug/L	94
13) Acetone	2.652	43	64644	49.015	ug/L	99
14) Carbon disulfide	2.790	76	73475	4.464	ug/L	99
15) Methyl Acetate	2.960	43	15299	5.591	ug/L	97
16) Methylene chloride	3.044	84	50953	6.116	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	80177	5.293	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	29715	4.990	ug/L	99
19) 1,1-Dichloroethane	3.870	63	63593	5.205	ug/L	98
21) 2-Butanone	4.719	43	110465	58.153	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	36599	5.141	ug/L	98
23) Bromochloromethane	4.976	128	17764	5.449	ug/L	95
25) Chloroform	5.089	83	66859	4.883	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	40407	5.289	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	51037	5.032	ug/L	100
30) Cyclohexane	5.391	56	38598	4.508	ug/L	98
31) Carbon tetrachloride	5.526	117	40139	4.872	ug/L	98
33) Benzene	5.774	78	144780	5.193	ug/L	100
34) Trichloroethene	6.542	95	35068	5.175	ug/L	97
35) Methylcyclohexane	6.764	83	38062	4.258	ug/L	96
37) 1,2-Dichloropropane	6.793	63	39816	5.182	ug/L	99
38) Bromodichloromethane	7.105	83	48945	5.265	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	42545	4.279	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	250509	56.429	ug/L	99
42) Toluene	7.970	91	148283	5.231	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	37192	4.454	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	30828	5.370	ug/L	98
47) Tetrachloroethene	8.555	164	23272	4.772	ug/L	95
48) 2-Hexanone	8.687	43	197291	58.299	ug/L	97
49) Dibromochloromethane	8.809	129	33181	5.282	ug/L	98
50) 1,2-Dibromoethane	8.925	107	27374	5.370	ug/L #	94
51) Chlorobenzene	9.446	112	92186	5.123	ug/L	99
52) Ethylbenzene	9.571	91	139211	5.013	ug/L	99
53) m,p-Xylene	9.693	106	53345	5.045	ug/L	99
54) o-Xylene	10.102	106	53576	5.226	ug/L	95
55) Styrene	10.115	104	93139	5.334	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	40980	5.484	ug/L	97
59) Bromoform	10.291	173	19759	5.700	ug/L	100
60) Isopropylbenzene	10.484	105	131570	5.164	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	27998	5.590	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	103342	4.992	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	102190	5.094	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	65035	5.331	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	62410	5.170	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	64735	5.341	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5928	5.992	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	44088	5.012	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	33284	4.744	ug/L	100
71) Naphthalene	14.085	128	64847	4.661	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	35606	5.113	ug/L	97

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

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