

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057633.D
 Acq On : 24 Jan 2024 20:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Jan 25 01:57:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 01:52:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	57158	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	52294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	15366	4.879	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.600%	
7) Chloroethane-d5	1.914	69	12962	4.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.563	65	7049	4.760	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	4.644	46	35100	59.081	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.160%	
24) Chloroform-d	5.055	84	33513	5.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.695	65	15632	5.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.721	84	64016	5.219	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.685	67	19870	5.371	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.400%	
41) Toluene-d8	7.891	98	59869	5.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
43) trans-1,3-Dichloroprop...	8.177	79	7657	5.193	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.800%	
46) 2-Hexanone-d5	8.631	63	26977	57.340	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.680%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14300	5.766	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	19791	5.578	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	25423	5.249	ug/L	99
3) Chloromethane	1.518	50	25401	5.242	ug/L	97
5) Vinyl chloride	1.602	62	27467	5.325	ug/L	100
6) Bromomethane	1.856	94	14070	5.232	ug/L	97
8) Chloroethane	1.933	64	16649	5.390	ug/L	94
9) Trichlorofluoromethane	2.136	101	43134	5.614	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	23659	5.297	ug/L	99
12) 1,1-Dichloroethene	2.576	96	21848	5.259	ug/L	100
13) Acetone	2.673	43	29410	52.096	ug/L	99
14) Carbon disulfide	2.788	76	68715	5.102	ug/L	100
15) Methyl Acetate	2.962	43	8119	5.590	ug/L	95
16) Methylene chloride	3.042	84	24126	5.411	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	54136	5.480	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	23190	5.300	ug/L	100
19) 1,1-Dichloroethane	3.862	63	43400	5.372	ug/L	96
21) 2-Butanone	4.721	43	47473	53.611	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	25578	5.438	ug/L	99
23) Bromochloromethane	4.968	128	10208	5.402	ug/L	97
25) Chloroform	5.081	83	45163	5.268	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	28233	5.654	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	40749	5.309	ug/L	100
30) Cyclohexane	5.380	56	39601	5.347	ug/L	98
31) Carbon tetrachloride	5.518	117	36085	5.329	ug/L	98
33) Benzene	5.769	78	98984	5.519	ug/L	100
34) Trichloroethene	6.537	95	26407	5.340	ug/L	96
35) Methylcyclohexane	6.756	83	41759	5.228	ug/L	99
37) 1,2-Dichloropropane	6.782	63	25005	5.573	ug/L	99
38) Bromodichloromethane	7.100	83	32233	5.338	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	36763	5.272	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	117758	54.995	ug/L	100
42) Toluene	7.965	91	106224	5.493	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	29358	5.180	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	16056	5.501	ug/L	99
47) Tetrachloroethene	8.547	164	19931	5.485	ug/L	98
48) 2-Hexanone	8.682	43	84697	56.371	ug/L	96
49) Dibromochloromethane	8.804	129	20355	5.386	ug/L	99
50) 1,2-Dibromoethane	8.917	107	15443	5.452	ug/L	96
51) Chlorobenzene	9.441	112	65616	5.409	ug/L	99
52) Ethylbenzene	9.563	91	117965	5.413	ug/L	99
53) m,p-Xylene	9.688	106	43217	5.375	ug/L	98
54) o-Xylene	10.094	106	42495	5.422	ug/L	98
55) Styrene	10.110	104	65265	5.442	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	19457	5.494	ug/L	98
59) Bromoform	10.283	173	11076	5.392	ug/L	99
60) Isopropylbenzene	10.479	105	104381	5.269	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	14198	5.595	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	93581	5.300	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	94650	5.357	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	47682	5.273	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	45208	5.223	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	43725	5.419	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	2846	5.958	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	34239	5.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	24846	5.110	ug/L	99
71) Naphthalene	14.081	128	36061	5.239	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	19696	5.204	ug/L	98

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

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