

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061911.D
 Acq On : 21 Nov 2024 11:15
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Nov 21 23:04:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 03:29:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169198	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159744	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36588	4.408	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.904	69	29281	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.560	65	15114	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.615	46	126819	48.660	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.320%
24) Chloroform-d	5.052	84	92403	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	46949	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.718	84	156114	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.682	67	55800	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.891	98	134161	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	20843	5.324	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.624	63	88261	49.390	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49569	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	55439	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	73916	4.993	ug/L	99
3) Chloromethane	1.515	50	70835	4.642	ug/L	99
5) Vinyl chloride	1.599	62	69768	4.451	ug/L	99
6) Bromomethane	1.846	94	36938	3.958	ug/L	100
8) Chloroethane	1.927	64	37622	3.722	ug/L	97
9) Trichlorofluoromethane	2.132	101	88697	4.473	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56073	4.596	ug/L	96
12) 1,1-Dichloroethene	2.573	96	51295	4.521	ug/L	97
13) Acetone	2.621	43	75163	41.771	ug/L	88
14) Carbon disulfide	2.785	76	162508	4.502	ug/L	99
15) Methyl Acetate	2.946	43	22073	4.777	ug/L	99
16) Methylene chloride	3.036	84	58368	4.284	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	130909	4.501	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	55097	4.593	ug/L	97
19) 1,1-Dichloroethane	3.859	63	106401	4.554	ug/L	98
21) 2-Butanone	4.695	43	136139	46.812	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	62538	4.633	ug/L	99
23) Bromochloromethane	4.968	128	26546	4.524	ug/L	91
25) Chloroform	5.078	83	110492	4.524	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69423	4.418	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	90162	4.897	ug/L	97
30) Cyclohexane	5.377	56	99931	5.189	ug/L	95
31) Carbon tetrachloride	5.515	117	78495	5.021	ug/L	99
33) Benzene	5.766	78	243043	5.038	ug/L	100
34) Trichloroethene	6.534	95	63658	4.944	ug/L	99
35) Methylcyclohexane	6.753	83	98615	5.007	ug/L	96
37) 1,2-Dichloropropane	6.782	63	64024	5.108	ug/L #	97
38) Bromodichloromethane	7.097	83	73107	4.810	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	87767	4.994	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	332010	49.095	ug/L	98
42) Toluene	7.962	91	258051	5.097	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	68276	4.892	ug/L	95
45) 1,1,2-Trichloroethane	8.389	97	44375	4.806	ug/L	99
47) Tetrachloroethene	8.544	164	46895	5.008	ug/L	94
48) 2-Hexanone	8.676	43	239306	47.251	ug/L	98
49) Dibromochloromethane	8.801	129	45466	4.661	ug/L	93
50) 1,2-Dibromoethane	8.917	107	41284	4.505	ug/L	97
51) Chlorobenzene	9.441	112	156849	4.524	ug/L	98
52) Ethylbenzene	9.563	91	275211	4.543	ug/L	99
53) m,p-Xylene	9.685	106	104503	4.888	ug/L	98
54) o-Xylene	10.094	106	100678	4.666	ug/L	99
55) Styrene	10.106	104	165620	4.659	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	54681	4.621	ug/L	99
59) Bromoform	10.283	173	24413	4.270	ug/L	99
60) Isopropylbenzene	10.476	105	272284	4.540	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38653	4.347	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	221398	4.628	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	215863	4.526	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	120118	4.512	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	118637	4.604	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	110575	4.776	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7381	4.864	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	84985	5.365	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	66821	5.504	ug/L	99
71) Naphthalene	14.081	128	100294	5.125	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	56508	5.404	ug/L	99

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

