

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061955.D
 Acq On : 22 Nov 2024 07:23
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005157

Quant Time: Nov 22 07:44:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	123982	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	115632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26654	4.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.907	69	24310	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.560	65	10657	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.615	46	109734	57.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	5.052	84	76803	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.692	65	40469	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.717	84	120570	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.682	67	45462	5.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.800%
41) Toluene-d8	7.888	98	99081	5.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.171	79	15888	5.606	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.200%
46) 2-Hexanone-d5	8.624	63	75533	58.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42691	5.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	42313	5.256	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	43280	3.990	ug/L	95
3) Chloromethane	1.515	50	52741	4.717	ug/L	98
5) Vinyl chloride	1.602	62	49021	4.268	ug/L	99
6) Bromomethane	1.849	94	31245	4.569	ug/L	97
8) Chloroethane	1.927	64	29428	3.973	ug/L	98
9) Trichlorofluoromethane	2.132	101	56900	3.916	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30745	3.439	ug/L	93
12) 1,1-Dichloroethene	2.573	96	34870	4.194	ug/L	93
13) Acetone	2.621	43	61980	47.006	ug/L	90
14) Carbon disulfide	2.788	76	103242	3.904	ug/L	99
15) Methyl Acetate	2.946	43	17277	5.103	ug/L	97
16) Methylene chloride	3.036	84	46996	4.707	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	106765	5.010	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	39206	4.461	ug/L	93
19) 1,1-Dichloroethane	3.859	63	81045	4.733	ug/L	100
21) 2-Butanone	4.692	43	105094	49.316	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	48566	4.910	ug/L	95
23) Bromochloromethane	4.965	128	21471	4.993	ug/L	96
25) Chloroform	5.078	83	84449	4.718	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	55132	4.789	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	64295	4.824	ug/L	96
30) Cyclohexane	5.380	56	49668	3.563	ug/L	100
31) Carbon tetrachloride	5.515	117	49823	4.402	ug/L	100
33) Benzene	5.762	78	174538	4.998	ug/L	100
34) Trichloroethene	6.534	95	45125	4.842	ug/L	99
35) Methylcyclohexane	6.753	83	48839	3.426	ug/L	99
37) 1,2-Dichloropropane	6.778	63	47958	5.286	ug/L	99
38) Bromodichloromethane	7.097	83	58146	5.285	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	63614	5.001	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	264019	53.935	ug/L	96
42) Toluene	7.962	91	172972	4.720	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	51541	5.102	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	35800	5.356	ug/L	98
47) Tetrachloroethene	8.544	164	29273	4.319	ug/L	96
48) 2-Hexanone	8.676	43	189277	51.630	ug/L	96
49) Dibromochloromethane	8.801	129	37338	5.288	ug/L	90
50) 1,2-Dibromoethane	8.917	107	33023	4.978	ug/L #	99
51) Chlorobenzene	9.438	112	106981	4.262	ug/L	98
52) Ethylbenzene	9.563	91	169481	3.865	ug/L	98
53) m,p-Xylene	9.685	106	62424	4.034	ug/L	99
54) o-Xylene	10.090	106	63669	4.076	ug/L	96
55) Styrene	10.106	104	109131	4.241	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	44053	5.143	ug/L	99
59) Bromoform	10.283	173	20723	5.120	ug/L	99
60) Isopropylbenzene	10.476	105	155903	3.673	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	30700	4.878	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	130126	3.843	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	127832	3.786	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	75580	4.011	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	73828	4.048	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	73265	4.470	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6164	5.738	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	50136	4.471	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	39828	4.634	ug/L	100
71) Naphthalene	14.084	128	62145	4.486	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	34802	4.702	ug/L	99

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

