

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110624\
 Data File : VU061513.D
 Acq On : 06 Nov 2024 20:14
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Nov 07 00:12:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 07 00:10:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38006	3.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.907	69	42921	4.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.560	65	17950	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.624	46	122039	56.465	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.920%
24) Chloroform-d	5.055	84	99716	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	51379	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.717	84	194133	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	61229	4.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	178511	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	21176	4.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.624	63	109696	52.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51168	5.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	61673	4.907	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47118	4.510	ug/L	98
3) Chloromethane	1.515	50	45995	4.175	ug/L	99
5) Vinyl chloride	1.599	62	53420	4.410	ug/L	97
6) Bromomethane	1.853	94	35602	4.435	ug/L	99
8) Chloroethane	1.930	64	43343	4.860	ug/L	99
9) Trichlorofluoromethane	2.132	101	78007	4.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46981	4.809	ug/L	98
12) 1,1-Dichloroethene	2.573	96	43552	4.701	ug/L	95
13) Acetone	2.640	43	73086	53.389	ug/L	99
14) Carbon disulfide	2.788	76	116855	3.780	ug/L	100
15) Methyl Acetate	2.952	43	19214	5.668	ug/L	96
16) Methylene chloride	3.039	84	55623	5.095	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	127218	5.066	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	49876	4.868	ug/L	93
19) 1,1-Dichloroethane	3.859	63	97938	5.069	ug/L	98
21) 2-Butanone	4.705	43	116107	53.501	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	58843	5.028	ug/L	99
23) Bromochloromethane	4.965	128	26984	5.480	ug/L	95
25) Chloroform	5.078	83	108044	5.318	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65672	5.115	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	84320	4.697	ug/L	99
30) Cyclohexane	5.377	56	73057	4.058	ug/L	98
31) Carbon tetrachloride	5.515	117	68630	4.468	ug/L	99
33) Benzene	5.766	78	226466	4.995	ug/L	100
34) Trichloroethene	6.534	95	57281	4.645	ug/L	98
35) Methylcyclohexane	6.756	83	80834	4.118	ug/L	98
37) 1,2-Dichloropropane	6.782	63	60686	5.281	ug/L	100
38) Bromodichloromethane	7.097	83	73027	5.022	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	83203	4.688	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	311603	54.486	ug/L	99
42) Toluene	7.962	91	243637	4.949	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	65923	4.559	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	46457	5.618	ug/L	97
47) Tetrachloroethene	8.544	164	41552	4.824	ug/L	97
48) 2-Hexanone	8.676	43	226689	56.053	ug/L	100
49) Dibromochloromethane	8.801	129	45524	4.854	ug/L	97
50) 1,2-Dibromoethane	8.917	107	42838	5.332	ug/L	96
51) Chlorobenzene	9.441	112	157477	5.061	ug/L	97
52) Ethylbenzene	9.563	91	254363	4.697	ug/L	100
53) m,p-Xylene	9.685	106	97292	4.716	ug/L	94
54) o-Xylene	10.093	106	97290	4.778	ug/L	96
55) Styrene	10.106	104	158692	4.862	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	56661	5.686	ug/L	100
59) Bromoform	10.283	173	24127	4.592	ug/L	100
60) Isopropylbenzene	10.476	105	251623	4.641	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38868	5.497	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	199652	4.523	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	199748	4.578	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	115643	5.067	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	113509	4.879	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	109276	5.088	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7197	4.848	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	80488	5.145	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	65881	5.219	ug/L	98
71) Naphthalene	14.080	128	111832	5.614	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	58792	5.567	ug/L	99

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

