

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061777.D
 Acq On : 17 Nov 2024 05:27
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Nov 18 04:24:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	183240	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	176943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42919	3.625	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	45136	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.560	65	20584	3.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.624	46	132727	52.818	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.640%
24) Chloroform-d	5.052	84	109863	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	53498	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	210488	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	66029	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.888	98	193374	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	21912	4.120	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.624	63	110760	52.706	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57579	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	71719	4.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	64529	4.738	ug/L	100
3) Chloromethane	1.518	50	59397	4.807	ug/L	100
5) Vinyl chloride	1.602	62	68485	5.023	ug/L	85
6) Bromomethane	1.853	94	34334	4.220	ug/L	96
8) Chloroethane	1.930	64	50833	5.375	ug/L	98
9) Trichlorofluoromethane	2.132	101	96147	4.797	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60215	5.082	ug/L	99
12) 1,1-Dichloroethene	2.573	96	55734	5.039	ug/L	94
13) Acetone	2.641	43	78519	49.595	ug/L	100
14) Carbon disulfide	2.788	76	165603	4.661	ug/L	99
15) Methyl Acetate	2.952	43	19518	4.934	ug/L	99
16) Methylene chloride	3.039	84	64998	5.099	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	140037	5.165	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	61380	5.059	ug/L	96
19) 1,1-Dichloroethane	3.856	63	114052	5.156	ug/L	99
21) 2-Butanone	4.705	43	131386	50.813	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	71598	5.233	ug/L	100
23) Bromochloromethane	4.965	128	32169	5.293	ug/L	98
25) Chloroform	5.078	83	122783	5.266	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	73315	5.011	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	100458	4.989	ug/L	100
30) Cyclohexane	5.380	56	99243	4.934	ug/L	98
31) Carbon tetrachloride	5.515	117	85598	4.991	ug/L	98
33) Benzene	5.766	78	270712	5.055	ug/L	100
34) Trichloroethene	6.534	95	75016	5.188	ug/L	97
35) Methylcyclohexane	6.753	83	107226	4.917	ug/L	99
37) 1,2-Dichloropropane	6.779	63	71451	5.259	ug/L	100
38) Bromodichloromethane	7.097	83	81790	5.017	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	92615	4.790	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	346811	53.240	ug/L	99
42) Toluene	7.962	91	299439	5.193	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73800	4.812	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	53087	5.360	ug/L	97
47) Tetrachloroethene	8.544	164	54608	5.026	ug/L	97
48) 2-Hexanone	8.676	43	245058	52.614	ug/L	96
49) Dibromochloromethane	8.801	129	52331	5.039	ug/L	100
50) 1,2-Dibromoethane	8.914	107	48961	5.241	ug/L	96
51) Chlorobenzene	9.438	112	191573	5.162	ug/L	99
52) Ethylbenzene	9.563	91	317483	5.169	ug/L	100
53) m,p-Xylene	9.685	106	121602	5.174	ug/L	97
54) o-Xylene	10.090	106	118451	5.186	ug/L	99
55) Styrene	10.106	104	192146	5.283	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	63541	5.272	ug/L	95
59) Bromoform	10.280	173	28936	4.998	ug/L	97
60) Isopropylbenzene	10.476	105	313983	5.176	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	43037	5.223	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	248151	5.110	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	242922	5.139	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	141166	5.075	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	139513	4.939	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	131940	5.100	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7405	5.147	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	95374	4.911	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	75229	4.998	ug/L	98
71) Naphthalene	14.081	128	110537	5.115	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65846	5.211	ug/L	99

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

