

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061641.D
 Acq On : 13 Nov 2024 22:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: Nov 14 01:36:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:27:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	196597	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.408	117	184385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	60102	4.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.910	69	55457	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.560	65	26892	4.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.624	46	136851	50.759	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	5.052	84	125148	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.692	65	59621	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.717	84	253644	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.679	67	75530	5.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.888	98	236075	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.171	79	27092	4.889	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.624	63	118545	54.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	60765	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	79758	4.990	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	71981	4.926	ug/L	99
3) Chloromethane	1.518	50	65655	4.953	ug/L	100
5) Vinyl chloride	1.602	62	74535	5.095	ug/L	98
6) Bromomethane	1.856	94	46461	5.323	ug/L	99
8) Chloroethane	1.930	64	54821	5.402	ug/L	96
9) Trichlorofluoromethane	2.132	101	106220	4.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	63412	4.988	ug/L	99
12) 1,1-Dichloroethene	2.573	96	62061	5.229	ug/L	98
13) Acetone	2.643	43	82273	48.435	ug/L	99
14) Carbon disulfide	2.788	76	188119	4.935	ug/L	100
15) Methyl Acetate	2.952	43	21079	4.967	ug/L	99
16) Methylene chloride	3.039	84	71967	5.262	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	152518	5.243	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	67771	5.206	ug/L	98
19) 1,1-Dichloroethane	3.859	63	122993	5.182	ug/L	98
21) 2-Butanone	4.705	43	136280	49.125	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	76608	5.218	ug/L	98
23) Bromochloromethane	4.965	128	33922	5.202	ug/L	97
25) Chloroform	5.077	83	130502	5.217	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	79731	5.079	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	109983	5.242	ug/L	99
30) Cyclohexane	5.380	56	110072	5.252	ug/L	100
31) Carbon tetrachloride	5.515	117	92836	5.195	ug/L	99
33) Benzene	5.766	78	293160	5.253	ug/L	100
34) Trichloroethene	6.534	95	77971	5.175	ug/L	98
35) Methylcyclohexane	6.756	83	115728	5.093	ug/L	99
37) 1,2-Dichloropropane	6.782	63	73831	5.215	ug/L	100
38) Bromodichloromethane	7.097	83	86338	5.083	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	104321	5.177	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	360744	53.144	ug/L	100
42) Toluene	7.958	91	318690	5.304	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	82218	5.144	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	55278	5.356	ug/L	97
47) Tetrachloroethene	8.547	164	58876	5.200	ug/L	95
48) 2-Hexanone	8.675	43	255427	52.626	ug/L	99
49) Dibromochloromethane	8.801	129	56206	5.194	ug/L	96
50) 1,2-Dibromoethane	8.913	107	51992	5.341	ug/L	96
51) Chlorobenzene	9.437	112	204603	5.290	ug/L	100
52) Ethylbenzene	9.563	91	343559	5.368	ug/L	100
53) m,p-Xylene	9.685	106	129421	5.285	ug/L	97
54) o-Xylene	10.090	106	128701	5.407	ug/L	97
55) Styrene	10.106	104	209757	5.535	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	65585	5.222	ug/L	97
59) Bromoform	10.283	173	30364	5.112	ug/L	96
60) Isopropylbenzene	10.476	105	336768	5.411	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44141	5.221	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	271437	5.447	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	267193	5.509	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	151133	5.295	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	149994	5.175	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	140521	5.294	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8068	5.465	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	103626	5.200	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	85261	5.520	ug/L	99
71) Naphthalene	14.080	128	135885	6.128	ug/L	99
72) 1,2,3-Trichlorobenzene	14.321	180	75494	5.823	ug/L	98

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

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