

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123024\
 Data File : VU062633.D
 Acq On : 30 Dec 2024 09:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Quant Time: Dec 31 00:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	104262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23341	3.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.901	69	20714	4.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.557	65	12183	3.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.618	46	65359	48.494	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.980%
24) Chloroform-d	5.052	84	70032	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.692	65	38852	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.718	84	118058	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	32729	4.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.888	98	114864	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.171	79	17832	5.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.624	63	58665	56.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29713	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	43392	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	40596	4.157	ug/L	98
3) Chloromethane	1.515	50	27084	3.538	ug/L	99
5) Vinyl chloride	1.596	62	32218	4.042	ug/L	99
6) Bromomethane	1.850	94	23099	4.348	ug/L	97
8) Chloroethane	1.924	64	20504	4.593	ug/L	100
9) Trichlorofluoromethane	2.129	101	71052	5.136	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37503	4.980	ug/L	92
12) 1,1-Dichloroethene	2.570	96	30248	4.297	ug/L	89
13) Acetone	2.628	43	46589	50.769	ug/L	98
14) Carbon disulfide	2.782	76	80446	3.614	ug/L	100
15) Methyl Acetate	2.946	43	10376	4.511	ug/L #	84
16) Methylene chloride	3.033	84	34072	4.611	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	91414	5.213	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	32962	4.557	ug/L	91
19) 1,1-Dichloroethane	3.856	63	62403	4.707	ug/L	98
21) 2-Butanone	4.695	43	67701	50.801	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	37503	4.626	ug/L	90
23) Bromochloromethane	4.965	128	17528	4.932	ug/L #	82
25) Chloroform	5.075	83	76086	5.095	ug/L	95

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

27) 1,2-Dichloroethane	5.782	62	48685	5.130	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	74021	5.559	ug/L	95
30) Cyclohexane	5.377	56	45260	4.192	ug/L	89
31) Carbon tetrachloride	5.515	117	67699	5.545	ug/L	99
33) Benzene	5.763	78	137413	4.684	ug/L	100
34) Trichloroethene	6.534	95	47367	5.701	ug/L	98
35) Methylcyclohexane	6.753	83	53919	4.377	ug/L	94
37) 1,2-Dichloropropane	6.782	63	33728	4.722	ug/L	99
38) Bromodichloromethane	7.097	83	55148	5.472	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	58431	5.103	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	169347	50.583	ug/L #	92
42) Toluene	7.962	91	155764	4.924	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	53249	5.695	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	28952	5.369	ug/L	95
47) Tetrachloroethene	8.544	164	32387	5.048	ug/L	93
48) 2-Hexanone	8.676	43	120539	48.718	ug/L #	95
49) Dibromochloromethane	8.801	129	37705	5.787	ug/L	97
50) 1,2-Dibromoethane	8.914	107	26675	5.148	ug/L	95
51) Chlorobenzene	9.441	112	100458	4.957	ug/L	97
52) Ethylbenzene	9.563	91	178346	5.029	ug/L	100
53) m,p-Xylene	9.685	106	67921	5.187	ug/L	96
54) o-Xylene	10.090	106	64666	5.078	ug/L	96
55) Styrene	10.107	104	109572	5.220	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	32779	5.223	ug/L #	98
59) Bromoform	10.283	173	23216	5.947	ug/L	97
60) Isopropylbenzene	10.476	105	183986	5.127	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	24235	5.276	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	158550	5.221	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	154690	5.199	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	85216	5.170	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	83794	5.048	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80049	5.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	6414	6.402	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	65447	5.342	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	52051	5.381	ug/L	97
71) Naphthalene	14.081	128	77739	5.352	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	47138	5.525	ug/L	99

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

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