

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062226.D
 Acq On : 10 Dec 2024 22:46
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

Quant Time: Dec 11 03:51:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27421	3.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	20355	4.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.550	65	13897	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.627	46	67915	51.072	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.140%
24) Chloroform-d	5.052	84	72065	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.692	65	36675	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.714	84	126180	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.679	67	37073	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.888	98	119827	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.174	79	15411	4.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.634	63	55778	52.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	31414	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	45692	4.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	49763	5.164	ug/L	98
3) Chloromethane	1.515	50	35343	4.679	ug/L	97
5) Vinyl chloride	1.599	62	39115	4.974	ug/L	99
6) Bromomethane	1.853	94	21492	4.100	ug/L	95
8) Chloroethane	1.923	64	19670	4.466	ug/L	99
9) Trichlorofluoromethane	2.119	101	72170	5.287	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	38294	5.154	ug/L	91
12) 1,1-Dichloroethene	2.566	96	34748	5.003	ug/L	94
13) Acetone	2.644	43	46301	51.137	ug/L	95
14) Carbon disulfide	2.779	76	101836	4.636	ug/L	98
15) Methyl Acetate	2.952	43	11037	4.864	ug/L #	89
16) Methylene chloride	3.033	84	36876	5.058	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	87375	5.050	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	36472	5.111	ug/L	90
19) 1,1-Dichloroethane	3.853	63	65217	4.986	ug/L	98
21) 2-Butanone	4.708	43	68913	52.409	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	39937	4.993	ug/L	96
23) Bromochloromethane	4.965	128	18659	5.321	ug/L #	75
25) Chloroform	5.074	83	76416	5.186	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47256	5.047	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	72605	5.279	ug/L	94
30) Cyclohexane	5.377	56	53230	4.773	ug/L	93
31) Carbon tetrachloride	5.512	117	64191	5.090	ug/L	99
33) Benzene	5.762	78	149935	4.949	ug/L	100
34) Trichloroethene	6.534	95	42495	4.952	ug/L	95
35) Methylcyclohexane	6.753	83	59873	4.705	ug/L	96
37) 1,2-Dichloropropane	6.778	63	37971	5.147	ug/L	98
38) Bromodichloromethane	7.097	83	50284	4.831	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	58039	4.908	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	177012	51.191	ug/L #	93
42) Toluene	7.962	91	165570	5.068	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	46449	4.810	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	28012	5.029	ug/L	99
47) Tetrachloroethene	8.544	164	33806	5.102	ug/L	96
48) 2-Hexanone	8.682	43	129507	50.678	ug/L #	92
49) Dibromochloromethane	8.801	129	34501	5.127	ug/L	92
50) 1,2-Dibromoethane	8.917	107	27281	5.097	ug/L	96
51) Chlorobenzene	9.438	112	105840	5.056	ug/L	96
52) Ethylbenzene	9.563	91	181717	4.961	ug/L	99
53) m,p-Xylene	9.685	106	68261	5.048	ug/L	95
54) o-Xylene	10.093	106	66595	5.063	ug/L	100
55) Styrene	10.106	104	112552	5.191	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	33838	5.220	ug/L #	99
59) Bromoform	10.283	173	20800	5.044	ug/L	99
60) Isopropylbenzene	10.476	105	182016	4.801	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	24505	5.050	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	151484	4.722	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	152516	4.852	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	85900	4.933	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	82471	4.703	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80001	4.971	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5458	5.157	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	61745	4.770	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	47229	4.621	ug/L	98
71) Naphthalene	14.080	128	66753	4.350	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	40491	4.493	ug/L	99

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

