

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122324\
 Data File : VU062567.D
 Acq On : 23 Dec 2024 16:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Dec 24 00:13:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	101064	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	49621	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26098	3.828	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.914	69	22649	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.563	65	14204	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.631	46	60964	46.664	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.320%
24) Chloroform-d	5.052	84	74637	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	39106	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.718	84	125903	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.679	67	34787	4.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	123818	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.174	79	15789	4.707	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.627	63	47956	47.388	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.780%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	28553	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	48120	5.262	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	44649	4.716	ug/L	98
3) Chloromethane	1.518	50	30046	4.049	ug/L	99
5) Vinyl chloride	1.602	62	34385	4.451	ug/L	99
6) Bromomethane	1.856	94	24905	4.836	ug/L	95
8) Chloroethane	1.933	64	20981	4.848	ug/L	96
9) Trichlorofluoromethane	2.136	101	74452	5.552	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	38612	5.290	ug/L	90
12) 1,1-Dichloroethene	2.576	96	32286	4.731	ug/L	87
13) Acetone	2.657	43	43398	48.788	ug/L	100
14) Carbon disulfide	2.788	76	87068	4.035	ug/L	98
15) Methyl Acetate	2.959	43	10353	4.644	ug/L	90
16) Methylene chloride	3.039	84	34131	4.765	ug/L	85
17) Methyl tert-butyl Ether	3.354	73	86595	5.094	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	33148	4.728	ug/L	91
19) 1,1-Dichloroethane	3.859	63	60987	4.746	ug/L	97
21) 2-Butanone	4.714	43	62434	48.331	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	39127	4.979	ug/L	94
23) Bromochloromethane	4.965	128	17882	5.191	ug/L #	74
25) Chloroform	5.078	83	75820	5.238	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48355	5.257	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	72865	5.601	ug/L	93
30) Cyclohexane	5.380	56	47590	4.511	ug/L	86
31) Carbon tetrachloride	5.515	117	64722	5.426	ug/L	100
33) Benzene	5.766	78	140687	4.909	ug/L	100
34) Trichloroethene	6.534	95	49020	6.039	ug/L	94
35) Methylcyclohexane	6.753	83	59196	4.918	ug/L	92
37) 1,2-Dichloropropane	6.779	63	34173	4.897	ug/L	100
38) Bromodichloromethane	7.097	83	54391	5.524	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	55545	4.965	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	158156	48.354	ug/L #	90
42) Toluene	7.959	91	159751	5.170	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	46315	5.070	ug/L	96
45) 1,1,2-Trichloroethane	8.390	97	27486	5.217	ug/L	96
47) Tetrachloroethene	8.547	164	34185	5.454	ug/L	95
48) 2-Hexanone	8.676	43	111705	46.212	ug/L #	92
49) Dibromochloromethane	8.798	129	36027	5.660	ug/L	96
50) 1,2-Dibromoethane	8.914	107	27829	5.497	ug/L #	90
51) Chlorobenzene	9.438	112	105319	5.319	ug/L	97
52) Ethylbenzene	9.560	91	184625	5.329	ug/L	99
53) m,p-Xylene	9.685	106	70386	5.502	ug/L	99
54) o-Xylene	10.090	106	69287	5.569	ug/L	99
55) Styrene	10.107	104	115491	5.632	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	31451	5.129	ug/L #	98
59) Bromoform	10.280	173	21851	5.603	ug/L	98
60) Isopropylbenzene	10.473	105	193577	5.400	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23671	5.159	ug/L	96
62) 1,3,5-Trimethylbenzene	11.078	105	165593	5.459	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	160949	5.415	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	86537	5.255	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	85553	5.160	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80791	5.309	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	4996	4.992	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	67200	5.490	ug/L	97
70) 1,2,4-trichlorobenzene	13.830	180	46762	4.839	ug/L	98
71) Naphthalene	14.081	128	55597	3.831	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	37608	4.413	ug/L	99

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

