

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122324\
 Data File : VU062560.D
 Acq On : 23 Dec 2024 11:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Dec 23 14:52:01 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	103466	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	51057	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	24854	3.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.914	69	21757	4.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.563	65	13758	4.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.644	46	62522	46.746	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.500%
24) Chloroform-d	5.055	84	73534	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	39431	5.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.718	84	124336	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.679	67	34888	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.888	98	121779	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	16073	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.627	63	46964	43.997	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.000%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	29261	4.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	45603	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	44760	4.618	ug/L	97
3) Chloromethane	1.518	50	28306	3.726	ug/L	100
5) Vinyl chloride	1.605	62	32272	4.080	ug/L	99
6) Bromomethane	1.856	94	25388	4.815	ug/L	92
8) Chloroethane	1.933	64	20899	4.717	ug/L	95
9) Trichlorofluoromethane	2.139	101	73528	5.356	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	37914	5.074	ug/L	89
12) 1,1-Dichloroethene	2.576	96	32223	4.613	ug/L #	87
13) Acetone	2.679	43	46923	51.526	ug/L	97
14) Carbon disulfide	2.792	76	85788	3.883	ug/L	99
15) Methyl Acetate	2.962	43	10532	4.615	ug/L #	84
16) Methylene chloride	3.039	84	34058	4.644	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	86341	4.961	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	34496	4.806	ug/L	90
19) 1,1-Dichloroethane	3.862	63	62412	4.744	ug/L	96
21) 2-Butanone	4.724	43	67642	51.147	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	38386	4.771	ug/L	94
23) Bromochloromethane	4.968	128	18704	5.304	ug/L #	76
25) Chloroform	5.078	83	77414	5.224	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48399	5.139	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	71905	5.240	ug/L	95
30) Cyclohexane	5.380	56	49317	4.432	ug/L	88
31) Carbon tetrachloride	5.515	117	65707	5.222	ug/L	98
33) Benzene	5.766	78	142225	4.705	ug/L	100
34) Trichloroethene	6.534	95	54939	6.416	ug/L	98
35) Methylcyclohexane	6.753	83	59544	4.690	ug/L	93
37) 1,2-Dichloropropane	6.782	63	34144	4.638	ug/L #	97
38) Bromodichloromethane	7.094	83	53594	5.160	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	56653	4.801	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	165498	47.970	ug/L #	91
42) Toluene	7.959	91	159437	4.891	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	47608	4.941	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	27922	5.024	ug/L	97
47) Tetrachloroethene	8.544	164	35336	5.345	ug/L	92
48) 2-Hexanone	8.679	43	115265	45.207	ug/L #	91
49) Dibromochloromethane	8.801	129	35442	5.279	ug/L	92
50) 1,2-Dibromoethane	8.914	107	26727	5.005	ug/L #	98
51) Chlorobenzene	9.438	112	104864	5.021	ug/L	99
52) Ethylbenzene	9.560	91	186889	5.114	ug/L	99
53) m,p-Xylene	9.685	106	70614	5.233	ug/L	94
54) o-Xylene	10.090	106	68297	5.205	ug/L	97
55) Styrene	10.103	104	112885	5.219	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.772	83	31865	4.927	ug/L #	98
59) Bromoform	10.280	173	21563	5.374	ug/L	99
60) Isopropylbenzene	10.473	105	197365	5.351	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23729	5.026	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	167990	5.382	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	163119	5.334	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	87353	5.156	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	85652	5.020	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	80296	5.128	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5111	4.963	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	66588	5.287	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	47868	4.814	ug/L	99
71) Naphthalene	14.077	128	59324	3.973	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	39073	4.456	ug/L	99

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

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