

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062228.D
 Acq On : 11 Dec 2024 09:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005180

Quant Time: Dec 12 00:21:52 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	6.242	114	101811	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	96973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28592	4.163	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.908	69	23067	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.557	65	14077	4.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.631	46	70291	53.409	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	5.052	84	71893	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	36820	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.718	84	126997	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.682	67	36441	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	118063	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.174	79	16528	4.699	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	55139	51.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30655	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	43392	4.785	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	48797	5.117	ug/L	100
3) Chloromethane	1.515	50	35763	4.784	ug/L	99
5) Vinyl chloride	1.599	62	38459	4.941	ug/L	96
6) Bromomethane	1.853	94	25494	4.914	ug/L	98
8) Chloroethane	1.930	64	21638	4.964	ug/L	96
9) Trichlorofluoromethane	2.133	101	69606	5.153	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	38388	5.221	ug/L	91
12) 1,1-Dichloroethene	2.573	96	33753	4.910	ug/L	92
13) Acetone	2.650	43	48620	54.258	ug/L	97
14) Carbon disulfide	2.785	76	101459	4.667	ug/L	98
15) Methyl Acetate	2.956	43	11088	4.937	ug/L	92
16) Methylene chloride	3.036	84	36688	5.084	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	86878	5.073	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	35649	5.047	ug/L	90
19) 1,1-Dichloroethane	3.859	63	65793	5.082	ug/L	99
21) 2-Butanone	4.708	43	67984	52.241	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	39574	4.999	ug/L	94
23) Bromochloromethane	4.965	128	18898	5.446	ug/L	# 81
25) Chloroform	5.078	83	75070	5.148	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46780	5.048	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	69329	5.082	ug/L	96
30) Cyclohexane	5.377	56	53457	4.833	ug/L	93
31) Carbon tetrachloride	5.515	117	64791	5.180	ug/L	98
33) Benzene	5.766	78	148622	4.946	ug/L	100
34) Trichloroethene	6.534	95	42416	4.983	ug/L	96
35) Methylcyclohexane	6.753	83	61558	4.877	ug/L	97
37) 1,2-Dichloropropane	6.782	63	36892	5.041	ug/L	99
38) Bromodichloromethane	7.097	83	52342	5.069	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	56858	4.847	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	175063	51.040	ug/L #	92
42) Toluene	7.962	91	164788	5.085	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	49693	5.188	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	28358	5.133	ug/L	98
47) Tetrachloroethene	8.547	164	33977	5.169	ug/L	96
48) 2-Hexanone	8.676	43	126707	49.987	ug/L #	92
49) Dibromochloromethane	8.801	129	34905	5.229	ug/L	95
50) 1,2-Dibromoethane	8.917	107	27595	5.198	ug/L #	97
51) Chlorobenzene	9.438	112	105471	5.080	ug/L	97
52) Ethylbenzene	9.563	91	181236	4.988	ug/L	99
53) m,p-Xylene	9.685	106	70156	5.230	ug/L	92
54) o-Xylene	10.090	106	67695	5.189	ug/L	99
55) Styrene	10.107	104	111336	5.177	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33059	5.142	ug/L	98
59) Bromoform	10.283	173	21152	5.469	ug/L	99
60) Isopropylbenzene	10.476	105	185252	5.211	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24479	5.379	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	156391	5.198	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	152821	5.185	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	84746	5.190	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	84267	5.125	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	79741	5.284	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5409	5.449	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	63063	5.195	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	46735	4.876	ug/L	98
71) Naphthalene	14.081	128	63926	4.442	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	40533	4.796	ug/L	100

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

