

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062160.D
 Acq On : 09 Dec 2024 15:36
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

Quant Time: Dec 10 00:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:13:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	109906	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102020	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36037	4.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.908	69	24406	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.560	65	17623	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.621	46	69519	48.932	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.860%
24) Chloroform-d	5.052	84	80740	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.692	65	40079	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.718	84	145408	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	42354	5.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	139604	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.174	79	19186	5.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.624	63	54761	49.050	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32976	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	49438	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52081	5.059	ug/L	99
3) Chloromethane	1.515	50	39261	4.865	ug/L	99
5) Vinyl chloride	1.599	62	41500	4.939	ug/L	99
6) Bromomethane	1.853	94	27336	4.881	ug/L	97
8) Chloroethane	1.927	64	21923	4.659	ug/L	96
9) Trichlorofluoromethane	2.133	101	73394	5.033	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39939	5.032	ug/L	94
12) 1,1-Dichloroethene	2.573	96	36141	4.870	ug/L	90
13) Acetone	2.637	43	46148	47.706	ug/L	93
14) Carbon disulfide	2.785	76	114282	4.870	ug/L	100
15) Methyl Acetate	2.952	43	11270	4.649	ug/L	93
16) Methylene chloride	3.036	84	39515	5.073	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	91397	4.944	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	37853	4.965	ug/L	93
19) 1,1-Dichloroethane	3.859	63	68906	4.931	ug/L	98
21) 2-Butanone	4.702	43	70793	50.393	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	41700	4.879	ug/L	97
23) Bromochloromethane	4.968	128	19226	5.132	ug/L	# 83
25) Chloroform	5.078	83	79309	5.038	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	49067	4.905	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	73299	5.107	ug/L	95
30) Cyclohexane	5.380	56	57394	4.932	ug/L	95
31) Carbon tetrachloride	5.515	117	67989	5.166	ug/L	98
33) Benzene	5.766	78	158617	5.017	ug/L	100
34) Trichloroethene	6.534	95	44604	4.981	ug/L	96
35) Methylcyclohexane	6.756	83	65590	4.940	ug/L	96
37) 1,2-Dichloropropane	6.782	63	39395	5.117	ug/L	100
38) Bromodichloromethane	7.097	83	55826	5.139	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	62808	5.089	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	180874	50.126	ug/L #	92
42) Toluene	7.962	91	175313	5.142	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	52052	5.165	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	28771	4.950	ug/L	94
47) Tetrachloroethene	8.547	164	35026	5.065	ug/L	96
48) 2-Hexanone	8.676	43	136234	51.087	ug/L #	96
49) Dibromochloromethane	8.801	129	36185	5.153	ug/L	91
50) 1,2-Dibromoethane	8.914	107	28773	5.152	ug/L	99
51) Chlorobenzene	9.438	112	110413	5.055	ug/L	98
52) Ethylbenzene	9.563	91	195791	5.122	ug/L	98
53) m,p-Xylene	9.685	106	71438	5.062	ug/L	98
54) o-Xylene	10.094	106	71767	5.229	ug/L	97
55) Styrene	10.107	104	117745	5.204	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33752	4.990	ug/L #	97
59) Bromoform	10.283	173	21134	5.171	ug/L	99
60) Isopropylbenzene	10.476	105	194520	5.178	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24573	5.110	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	163655	5.148	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	158347	5.084	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	88882	5.151	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	86206	4.961	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80371	5.040	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5620	5.358	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	63559	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	48112	4.750	ug/L	96
71) Naphthalene	14.081	128	66207	4.353	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	41383	4.633	ug/L	99

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

