

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091024\
 Data File : VU060674.D
 Acq On : 10 Sep 2024 18:17
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005190

Quant Time: Sep 11 02:50:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	104554	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	111419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26553	5.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.000%
7) Chloroethane-d5	1.911	69	27006	3.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.563	65	12963	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.637	46	79854	50.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.580%
24) Chloroform-d	5.055	84	74034	5.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.695	65	37744	5.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.721	84	134865	5.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.682	67	42153	5.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.891	98	129042	5.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	8.174	79	15477	5.502	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.627	63	62775	46.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	35193	5.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	45758	5.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58987	4.972	ug/L	98
3) Chloromethane	1.518	50	57133	5.558	ug/L	100
5) Vinyl chloride	1.602	62	60411	5.968	ug/L	99
6) Bromomethane	1.856	94	38295	3.759	ug/L	91
8) Chloroethane	1.930	64	34917	3.781	ug/L	100
9) Trichlorofluoromethane	2.136	101	93734	4.259	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46273	4.970	ug/L	99
12) 1,1-Dichloroethene	2.576	96	40513	4.728	ug/L	92
13) Acetone	2.650	43	69534	52.328	ug/L	90
14) Carbon disulfide	2.788	76	114730	4.126	ug/L	98
15) Methyl Acetate	2.962	43	16372	6.025	ug/L	95
16) Methylene chloride	3.039	84	50792	6.102	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	100853	5.799	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	41527	5.567	ug/L	98
19) 1,1-Dichloroethane	3.859	63	87758	5.805	ug/L	96
21) 2-Butanone	4.718	43	103988	57.225	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	46761	5.625	ug/L	98
23) Bromochloromethane	4.968	128	22570	5.974	ug/L	# 96
25) Chloroform	5.081	83	94896	5.931	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	59736	5.563	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	81360	5.332	ug/L	95
30) Cyclohexane	5.383	56	60406	4.781	ug/L	98
31) Carbon tetrachloride	5.518	117	74281	5.267	ug/L	99
33) Benzene	5.766	78	187962	5.319	ug/L	100
34) Trichloroethene	6.534	95	48457	5.059	ug/L	99
35) Methylcyclohexane	6.756	83	64259	4.889	ug/L	98
37) 1,2-Dichloropropane	6.782	63	51916	5.733	ug/L #	95
38) Bromodichloromethane	7.097	83	67457	5.669	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	67433	5.079	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	264409	56.068	ug/L	99
42) Toluene	7.962	91	208325	5.579	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	59466	5.456	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	37099	5.656	ug/L	95
47) Tetrachloroethene	8.547	164	39611	5.045	ug/L	99
48) 2-Hexanone	8.679	43	191721	54.323	ug/L	99
49) Dibromochloromethane	8.801	129	44609	5.874	ug/L	99
50) 1,2-Dibromoethane	8.917	107	34456	5.722	ug/L #	95
51) Chlorobenzene	9.441	112	130504	5.398	ug/L	99
52) Ethylbenzene	9.563	91	212591	5.372	ug/L	98
53) m,p-Xylene	9.689	106	81991	5.573	ug/L	100
54) o-Xylene	10.094	106	80112	5.319	ug/L	99
55) Styrene	10.110	104	136579	5.534	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	46463	5.548	ug/L	97
59) Bromoform	10.283	173	26957	5.669	ug/L	98
60) Isopropylbenzene	10.476	105	212571	5.499	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	32445	5.813	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	161941	5.621	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	163015	5.546	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	103387	5.465	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	101903	5.308	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	97030	5.467	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	6464	5.130	ug/L	87
69) 1,3,5-Trichlorobenzene	13.213	180	73808	5.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	52767	4.483	ug/L	99
71) Naphthalene	14.081	128	70020	4.657	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	48109	4.884	ug/L	98

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

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