

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060613.D
 Acq On : 05 Sep 2024 09:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005187

Quant Time: Sep 06 01:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 05 03:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	143142	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34985	5.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.600%
7) Chloroethane-d5	1.911	69	34286	3.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.563	65	15589	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.644	46	97366	44.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	5.055	84	80091	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	41221	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.721	84	155576	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.685	67	49888	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	142863	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	15857	4.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.631	63	70705	39.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41065	4.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	48718	4.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	78480	4.832	ug/L	99
3) Chloromethane	1.518	50	85420	6.069	ug/L	99
5) Vinyl chloride	1.602	62	85000	6.134	ug/L	99
6) Bromomethane	1.856	94	53039	3.803	ug/L	95
8) Chloroethane	1.933	64	49097	3.883	ug/L	95
9) Trichlorofluoromethane	2.136	101	118950	3.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	57951	4.547	ug/L	98
12) 1,1-Dichloroethene	2.576	96	56162	4.787	ug/L	93
13) Acetone	2.666	43	90386	49.684	ug/L	86
14) Carbon disulfide	2.788	76	178336	4.684	ug/L	100
15) Methyl Acetate	2.962	43	25887	6.959	ug/L	96
16) Methylene chloride	3.042	84	77009	6.758	ug/L	89
17) Methyl tert-butyl Ether	3.361	73	128943	5.416	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	57712	5.651	ug/L	98
19) 1,1-Dichloroethane	3.862	63	117193	5.662	ug/L	96
21) 2-Butanone	4.724	43	142720	57.367	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	62778	5.516	ug/L	96
23) Bromochloromethane	4.972	128	29580	5.719	ug/L	94
25) Chloroform	5.081	83	121371	5.541	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

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 MSVOA_U
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 VSTD005187

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	74554	5.071	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	99519	4.939	ug/L	96
30) Cyclohexane	5.383	56	89314	5.355	ug/L	100
31) Carbon tetrachloride	5.518	117	91851	4.933	ug/L	99
33) Benzene	5.769	78	265216	5.684	ug/L	100
34) Trichloroethene	6.537	95	67953	5.373	ug/L	97
35) Methylcyclohexane	6.756	83	88219	5.084	ug/L	99
37) 1,2-Dichloropropane	6.785	63	69993	5.855	ug/L #	97
38) Bromodichloromethane	7.100	83	85189	5.423	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	89059	5.081	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	371379	59.647	ug/L	99
42) Toluene	7.962	91	284656	5.773	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	76289	5.301	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	49779	5.748	ug/L	97
47) Tetrachloroethene	8.547	164	51923	5.009	ug/L	98
48) 2-Hexanone	8.682	43	261437	56.106	ug/L	99
49) Dibromochloromethane	8.801	129	55417	5.527	ug/L	94
50) 1,2-Dibromoethane	8.920	107	45418	5.713	ug/L	99
51) Chlorobenzene	9.441	112	175296	5.492	ug/L	99
52) Ethylbenzene	9.563	91	287240	5.498	ug/L	97
53) m,p-Xylene	9.688	106	111692	5.750	ug/L	99
54) o-Xylene	10.094	106	106755	5.368	ug/L	95
55) Styrene	10.110	104	182820	5.611	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	61041	5.520	ug/L	99
59) Bromoform	10.283	173	34428	5.715	ug/L	97
60) Isopropylbenzene	10.476	105	282362	5.765	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	43921	6.211	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	217389	5.956	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	213925	5.745	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	136300	5.687	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	135801	5.583	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	127192	5.656	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8442	5.289	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	91674	4.960	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	66351	4.450	ug/L	97
71) Naphthalene	14.081	128	83922	4.405	ug/L	97
72) 1,2,3-Trichlorobenzene	14.322	180	57091	4.575	ug/L	99

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

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