

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060636.D
 Acq On : 05 Sep 2024 19:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005188

Quant Time: Sep 06 02:09:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30806	4.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.911	69	30847	3.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.400%#
11) 1,1-Dichloroethene-d2	2.560	65	13955	3.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.634	46	95501	42.562	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.120%
24) Chloroform-d	5.055	84	78859	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	38510	3.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.721	84	143021	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.682	67	46018	4.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	131379	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	15742	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	73658	41.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38572	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	48297	4.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	78369	4.675	ug/L	100
3) Chloromethane	1.518	50	86228	5.936	ug/L	98
5) Vinyl chloride	1.602	62	88405	6.181	ug/L	99
6) Bromomethane	1.856	94	49674	3.451	ug/L	98
8) Chloroethane	1.930	64	50936	3.903	ug/L	99
9) Trichlorofluoromethane	2.136	101	116980	3.762	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59265	4.505	ug/L	98
12) 1,1-Dichloroethene	2.573	96	57195	4.724	ug/L	94
13) Acetone	2.650	43	86910	46.289	ug/L	93
14) Carbon disulfide	2.788	76	183014	4.658	ug/L	99
15) Methyl Acetate	2.959	43	23888	6.222	ug/L	98
16) Methylene chloride	3.039	84	68334	5.810	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	142463	5.798	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	58809	5.579	ug/L	98
19) 1,1-Dichloroethane	3.862	63	120077	5.621	ug/L	96
21) 2-Butanone	4.711	43	153370	59.732	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	65588	5.584	ug/L	96
23) Bromochloromethane	4.965	128	31049	5.817	ug/L	96
25) Chloroform	5.081	83	122445	5.416	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	75088	4.949	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	102282	5.056	ug/L	98
30) Cyclohexane	5.380	56	91529	5.465	ug/L	99
31) Carbon tetrachloride	5.515	117	91590	4.899	ug/L	99
33) Benzene	5.766	78	260214	5.555	ug/L	100
34) Trichloroethene	6.537	95	67736	5.334	ug/L	97
35) Methylcyclohexane	6.756	83	94745	5.438	ug/L	96
37) 1,2-Dichloropropane	6.782	63	71638	5.968	ug/L #	98
38) Bromodichloromethane	7.097	83	87803	5.567	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	94968	5.396	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	376989	60.303	ug/L	98
42) Toluene	7.962	91	284541	5.748	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	82715	5.725	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	50287	5.783	ug/L	97
47) Tetrachloroethene	8.547	164	52535	5.048	ug/L	98
48) 2-Hexanone	8.679	43	275678	58.923	ug/L	98
49) Dibromochloromethane	8.801	129	58876	5.848	ug/L	97
50) 1,2-Dibromoethane	8.917	107	47057	5.895	ug/L #	96
51) Chlorobenzene	9.441	112	175407	5.473	ug/L	98
52) Ethylbenzene	9.563	91	289017	5.509	ug/L	100
53) m,p-Xylene	9.688	106	108953	5.586	ug/L	93
54) o-Xylene	10.093	106	108772	5.448	ug/L	98
55) Styrene	10.110	104	187086	5.719	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	61239	5.516	ug/L	94
59) Bromoform	10.283	173	33967	5.529	ug/L	97
60) Isopropylbenzene	10.476	105	286154	5.730	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	44448	6.164	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	221846	5.960	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	223207	5.879	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	138358	5.661	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	134374	5.418	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	128621	5.609	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	9342	5.740	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	96928	5.143	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	71736	4.718	ug/L	99
71) Naphthalene	14.080	128	102179	5.260	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	65020	5.110	ug/L	98

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

