

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062803.D
 Acq On : 16 Jan 2025 07:22
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

Quant Time: Jan 16 07:37:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19008	3.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.904	69	18099	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.557	65	9639	3.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.618	46	16364	15.302	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	30.600%#
24) Chloroform-d	5.049	84	63085	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.689	65	34653	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.714	84	100966	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.679	67	28128	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.888	98	96963	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.171	79	13661	4.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.621	63	39880	42.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.900%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26666	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	39472	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	42771	4.752	ug/L	99
3) Chloromethane	1.515	50	27988	4.634	ug/L	99
5) Vinyl chloride	1.599	62	32621	4.796	ug/L	98
6) Bromomethane	1.843	94	18077	3.653	ug/L	98
8) Chloroethane	1.924	64	19833	4.854	ug/L	96
9) Trichlorofluoromethane	2.129	101	71233	5.192	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31225	4.711	ug/L	99
12) 1,1-Dichloroethene	2.570	96	32011	5.458	ug/L	89
13) Acetone	2.612	43	38657	45.631	ug/L	97
14) Carbon disulfide	2.782	76	87615	4.677	ug/L	99
15) Methyl Acetate	2.940	43	9636	5.253	ug/L	96
16) Methylene chloride	3.030	84	32866	5.116	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	87572	5.433	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	31567	5.024	ug/L	95
19) 1,1-Dichloroethane	3.853	63	58413	5.200	ug/L	96
21) 2-Butanone	4.695	43	14758	13.081	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	39171	5.725	ug/L	96
23) Bromochloromethane	4.959	128	17123	5.301	ug/L	95
25) Chloroform	5.075	83	71037	5.138	ug/L	95

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

27) 1,2-Dichloroethane	5.779	62	47896	5.298	ug/L #	96
29) 1,1,1-Trichloroethane	5.303	97	70113	5.228	ug/L	98
30) Cyclohexane	5.374	56	41883	4.782	ug/L	95
31) Carbon tetrachloride	5.512	117	64778	5.255	ug/L	99
33) Benzene	5.763	78	130574	5.140	ug/L	100
34) Trichloroethene	6.531	95	39566	4.559	ug/L	98
35) Methylcyclohexane	6.753	83	48148	4.509	ug/L	97
37) 1,2-Dichloropropane	6.775	63	30540	5.096	ug/L	100
38) Bromodichloromethane	7.094	83	51967	5.392	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	44210	4.333	ug/L	96
40) 4-Methyl-2-pentanone	7.775	43	146833	52.451	ug/L	99
42) Toluene	7.959	91	148835	5.347	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	40738	4.631	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	26560	5.457	ug/L	95
47) Tetrachloroethene	8.544	164	29432	4.924	ug/L	98
48) 2-Hexanone	8.669	43	88256	43.852	ug/L	95
49) Dibromochloromethane	8.798	129	35389	5.415	ug/L	99
50) 1,2-Dibromoethane	8.910	107	26668	5.727	ug/L	94
51) Chlorobenzene	9.434	112	96971	5.327	ug/L	99
52) Ethylbenzene	9.560	91	166475	5.270	ug/L	99
53) m,p-Xylene	9.682	106	61987	5.247	ug/L	100
54) o-Xylene	10.090	106	61311	5.418	ug/L	99
55) Styrene	10.103	104	103896	5.489	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	29736	5.446	ug/L #	97
59) Bromoform	10.280	173	22349	5.388	ug/L	99
60) Isopropylbenzene	10.473	105	169705	5.179	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22704	5.383	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	145473	5.223	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	143257	5.317	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	80571	5.303	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	80539	5.257	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	75866	5.328	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	6063	5.549	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	54373	4.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	42545	4.617	ug/L	99
71) Naphthalene	14.081	128	61603	4.569	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	37287	4.642	ug/L	97

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

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