

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061039.D
 Acq On : 01 Oct 2024 12:42
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005097

Quant Time: Oct 02 02:35:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	184005	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67110	5.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.911	69	49549	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.563	65	29409	5.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.631	46	170832	54.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.055	84	120869	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.695	65	63521	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.721	84	238076	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.682	67	78840	5.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.891	98	223125	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.174	79	34065	5.322	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.628	63	140675	53.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57781	5.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	70830	5.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47192	5.262	ug/L	99
3) Chloromethane	1.518	50	67864	5.240	ug/L	95
5) Vinyl chloride	1.602	62	70661	5.434	ug/L	96
6) Bromomethane	1.856	94	37048	5.341	ug/L	100
8) Chloroethane	1.933	64	42190	5.349	ug/L	99
9) Trichlorofluoromethane	2.136	101	89784	5.374	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	58452	5.297	ug/L	95
12) 1,1-Dichloroethene	2.576	96	56253	5.294	ug/L	94
13) Acetone	2.650	43	110992	54.767	ug/L	94
14) Carbon disulfide	2.789	76	194895	5.398	ug/L	99
15) Methyl Acetate	2.959	43	25301	5.127	ug/L	99
16) Methylene chloride	3.039	84	67107	5.501	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	162817	5.355	ug/L #	95
18) trans-1,2-Dichloroethene	3.348	96	62780	5.390	ug/L	91
19) 1,1-Dichloroethane	3.862	63	123488	5.448	ug/L	97
21) 2-Butanone	4.708	43	185227	55.519	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	69859	5.385	ug/L	93
23) Bromochloromethane	4.968	128	27771	5.319	ug/L #	84
25) Chloroform	5.081	83	122562	5.398	ug/L	97

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

27) 1,2-Dichloroethane	5.788	62	78538	5.252	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	103852	5.192	ug/L	96
30) Cyclohexane	5.380	56	118200	5.304	ug/L	94
31) Carbon tetrachloride	5.518	117	90649	5.340	ug/L	100
33) Benzene	5.766	78	272530	5.348	ug/L	100
34) Trichloroethene	6.534	95	71693	5.190	ug/L	95
35) Methylcyclohexane	6.756	83	119734	5.367	ug/L	97
37) 1,2-Dichloropropane	6.782	63	72433	5.394	ug/L #	97
38) Bromodichloromethane	7.097	83	90735	5.404	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	112247	5.331	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	473626	55.060	ug/L	94
42) Toluene	7.962	91	292148	5.381	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	93277	5.357	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	46914	5.271	ug/L	94
47) Tetrachloroethene	8.547	164	48520	5.397	ug/L	95
48) 2-Hexanone	8.676	43	336418	56.410	ug/L	95
49) Dibromochloromethane	8.801	129	56527	5.459	ug/L	96
50) 1,2-Dibromoethane	8.917	107	45605	5.413	ug/L #	97
51) Chlorobenzene	9.441	112	179613	5.431	ug/L	94
52) Ethylbenzene	9.563	91	330131	5.366	ug/L	97
53) m,p-Xylene	9.685	106	120154	5.354	ug/L	86
54) o-Xylene	10.094	106	119731	5.422	ug/L	93
55) Styrene	10.107	104	194914	5.470	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.772	83	60938	5.449	ug/L	98
59) Bromoform	10.283	173	31193	5.508	ug/L #	97
60) Isopropylbenzene	10.476	105	298711	5.413	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	43532	5.371	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	265851	5.467	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	265779	5.415	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	131680	5.567	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	129729	5.549	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	121521	5.559	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	10191	5.765	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.213	180	94244	5.659	ug/L #	96
70) 1,2,4-trichlorobenzene	13.833	180	78519	6.153	ug/L	95
71) Naphthalene	14.081	128	134387	6.446	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64332	6.058	ug/L #	96

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

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