

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062097.D
 Acq On : 05 Dec 2024 14:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

Quant Time: Dec 06 02:18:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 03 00:21:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	116720	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	113922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21218	3.706	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.907	69	18360	3.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.560	65	9481	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.631	46	69221	38.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.000%
24) Chloroform-d	5.052	84	61286	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	30673	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.718	84	99040	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	32453	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.891	98	87059	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	14532	5.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.627	63	49184	38.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30088	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	38591	4.420	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54570	5.344	ug/L	96
3) Chloromethane	1.515	50	41991	3.989	ug/L	97
5) Vinyl chloride	1.599	62	44418	4.107	ug/L	99
6) Bromomethane	1.853	94	28395	4.411	ug/L	95
8) Chloroethane	1.930	64	23607	3.386	ug/L	99
9) Trichlorofluoromethane	2.133	101	74067	5.415	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	41590	4.941	ug/L	93
12) 1,1-Dichloroethene	2.573	96	37117	4.742	ug/L	96
13) Acetone	2.647	43	57874	46.623	ug/L	94
14) Carbon disulfide	2.785	76	110236	4.427	ug/L	99
15) Methyl Acetate	2.956	43	13736	4.309	ug/L	95
16) Methylene chloride	3.039	84	40980	4.360	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	96379	4.804	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	39296	4.749	ug/L	98
19) 1,1-Dichloroethane	3.859	63	73427	4.555	ug/L	98
21) 2-Butanone	4.708	43	85077	42.407	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	45030	4.835	ug/L	98
23) Bromochloromethane	4.968	128	19583	4.838	ug/L	86
25) Chloroform	5.078	83	82033	4.869	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	50325	4.643	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	75292	5.734	ug/L	96
30) Cyclohexane	5.377	56	64263	4.679	ug/L	96
31) Carbon tetrachloride	5.515	117	67140	6.022	ug/L	99
33) Benzene	5.766	78	168380	4.894	ug/L	100
34) Trichloroethene	6.534	95	47638	5.188	ug/L	98
35) Methylcyclohexane	6.753	83	71332	5.078	ug/L	96
37) 1,2-Dichloropropane	6.782	63	42377	4.741	ug/L	100
38) Bromodichloromethane	7.097	83	57540	5.308	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	65592	5.234	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	205518	42.614	ug/L	94
42) Toluene	7.962	91	185358	5.134	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	54911	5.517	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	31280	4.750	ug/L	96
47) Tetrachloroethene	8.544	164	35796	5.360	ug/L	96
48) 2-Hexanone	8.676	43	150377	41.635	ug/L #	95
49) Dibromochloromethane	8.801	129	37507	5.392	ug/L	97
50) 1,2-Dibromoethane	8.917	107	30199	4.621	ug/L	98
51) Chlorobenzene	9.438	112	114370	4.625	ug/L	99
52) Ethylbenzene	9.563	91	203723	4.715	ug/L	100
53) m,p-Xylene	9.685	106	76956	5.048	ug/L	97
54) o-Xylene	10.094	106	73923	4.804	ug/L	96
55) Styrene	10.107	104	125859	4.964	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	37662	4.463	ug/L	100
59) Bromoform	10.283	173	20958	4.775	ug/L #	97
60) Isopropylbenzene	10.476	105	207872	4.515	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	26659	3.905	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	173593	4.726	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	170120	4.646	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	92857	4.543	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	91183	4.609	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	83999	4.726	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6044	5.188	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	67818	5.576	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	52515	5.634	ug/L	98
71) Naphthalene	14.081	128	78888	5.251	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	45184	5.629	ug/L	99

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

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