

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060859.D
 Acq On : 18 Sep 2024 10:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Sep 19 05:09:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 02:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	145535	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51996	3.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.911	69	41141	4.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.563	65	19703	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.637	46	103772	49.382	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.760%
24) Chloroform-d	5.055	84	93269	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.695	65	44549	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.721	84	185201	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.682	67	56118	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	179827	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.174	79	20652	4.580	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.627	63	89583	50.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48227	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	62410	4.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	53565	4.876	ug/L	98
3) Chloromethane	1.518	50	50400	4.343	ug/L	99
5) Vinyl chloride	1.602	62	59826	4.763	ug/L	99
6) Bromomethane	1.856	94	28387	3.537	ug/L	99
8) Chloroethane	1.930	64	35775	4.662	ug/L	96
9) Trichlorofluoromethane	2.136	101	84600	4.904	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49619	4.950	ug/L	99
12) 1,1-Dichloroethene	2.576	96	43882	4.793	ug/L	92
13) Acetone	2.653	43	66806	47.652	ug/L	97
14) Carbon disulfide	2.788	76	119783	4.717	ug/L	100
15) Methyl Acetate	2.962	43	18168	5.315	ug/L #	90
16) Methylene chloride	3.039	84	55509	5.236	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	105591	5.103	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	45697	4.817	ug/L	97
19) 1,1-Dichloroethane	3.862	63	93172	4.892	ug/L	99
21) 2-Butanone	4.718	43	111338	48.786	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	52579	5.008	ug/L	97
23) Bromochloromethane	4.968	128	25464	5.136	ug/L	93
25) Chloroform	5.081	83	99018	4.986	ug/L	93

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 VSTD005199

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56681	4.925	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	79923	4.901	ug/L	97
30) Cyclohexane	5.380	56	63567	4.743	ug/L	97
31) Carbon tetrachloride	5.515	117	71000	4.918	ug/L	96
33) Benzene	5.766	78	209275	5.039	ug/L	100
34) Trichloroethene	6.537	95	54690	5.023	ug/L	96
35) Methylcyclohexane	6.756	83	68557	4.590	ug/L	100
37) 1,2-Dichloropropane	6.782	63	57030	4.983	ug/L #	97
38) Bromodichloromethane	7.097	83	71154	5.069	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	70865	4.656	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	274919	51.442	ug/L	98
42) Toluene	7.962	91	231513	5.331	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	60452	4.830	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	42277	5.117	ug/L	97
47) Tetrachloroethene	8.547	164	42718	4.937	ug/L	93
48) 2-Hexanone	8.679	43	207445	53.253	ug/L	99
49) Dibromochloromethane	8.801	129	48722	5.180	ug/L	99
50) 1,2-Dibromoethane	8.917	107	38757	5.256	ug/L	94
51) Chlorobenzene	9.441	112	151891	5.209	ug/L	98
52) Ethylbenzene	9.563	91	236781	5.179	ug/L	100
53) m,p-Xylene	9.688	106	92798	5.353	ug/L	100
54) o-Xylene	10.094	106	90229	5.275	ug/L	92
55) Styrene	10.110	104	152218	5.279	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	52234	5.069	ug/L	91
59) Bromoform	10.283	173	29445	5.180	ug/L	97
60) Isopropylbenzene	10.476	105	232118	5.193	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	36659	5.211	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	173203	4.986	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	176041	5.128	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	121272	5.396	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	118658	5.107	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	111988	5.270	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7232	5.264	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	83919	4.991	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	62839	5.306	ug/L	97
71) Naphthalene	14.081	128	78433	5.021	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	55958	5.469	ug/L	99

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

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