

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060913.D
 Acq On : 19 Sep 2024 21:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

Quant Time: Sep 20 00:01:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137606	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	143265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	43297	3.498	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.911	69	36654	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	17737	4.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.634	46	92804	46.707	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.420%
24) Chloroform-d	5.055	84	90185	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	41285	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	169497	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	52173	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	160689	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	18782	4.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	84555	50.123	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43499	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	58241	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52425	5.047	ug/L	98
3) Chloromethane	1.518	50	48622	4.431	ug/L	98
5) Vinyl chloride	1.602	62	58415	4.919	ug/L	99
6) Bromomethane	1.856	94	28680	3.779	ug/L	97
8) Chloroethane	1.933	64	36661	5.053	ug/L	98
9) Trichlorofluoromethane	2.133	101	93858	5.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49693	5.243	ug/L	94
12) 1,1-Dichloroethene	2.573	96	45101	5.211	ug/L	89
13) Acetone	2.647	43	65261	49.232	ug/L	97
14) Carbon disulfide	2.788	76	128829	5.365	ug/L	99
15) Methyl Acetate	2.956	43	16424	5.082	ug/L #	83
16) Methylene chloride	3.039	84	59481	5.934	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	99009	5.061	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	44861	5.002	ug/L	95
19) 1,1-Dichloroethane	3.859	63	90136	5.005	ug/L	98
21) 2-Butanone	4.711	43	120499	55.843	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	52409	5.280	ug/L	92
23) Bromochloromethane	4.968	128	24743	5.278	ug/L	87
25) Chloroform	5.078	83	99580	5.303	ug/L	95

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Quant Time: Sep 20 00:01:58 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	55276	5.080	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	86531	5.595	ug/L	98
30) Cyclohexane	5.380	56	59077	4.647	ug/L	95
31) Carbon tetrachloride	5.515	117	77996	5.696	ug/L	100
33) Benzene	5.766	78	200630	5.093	ug/L	100
34) Trichloroethene	6.534	95	54560	5.283	ug/L	96
35) Methylcyclohexane	6.756	83	66676	4.706	ug/L	98
37) 1,2-Dichloropropane	6.782	63	52705	4.855	ug/L #	95
38) Bromodichloromethane	7.097	83	71349	5.359	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	70756	4.901	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	236375	46.632	ug/L	96
42) Toluene	7.962	91	227067	5.513	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	59975	5.052	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	39573	5.050	ug/L	97
47) Tetrachloroethene	8.547	164	44624	5.438	ug/L	98
48) 2-Hexanone	8.679	43	178918	48.425	ug/L	98
49) Dibromochloromethane	8.801	129	47252	5.297	ug/L	97
50) 1,2-Dibromoethane	8.917	107	36837	5.267	ug/L #	98
51) Chlorobenzene	9.441	112	147144	5.320	ug/L	97
52) Ethylbenzene	9.563	91	232383	5.359	ug/L	100
53) m,p-Xylene	9.689	106	90469	5.503	ug/L	99
54) o-Xylene	10.094	106	86652	5.341	ug/L	98
55) Styrene	10.110	104	151521	5.541	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	48222	4.933	ug/L	96
59) Bromoform	10.283	173	30157	5.402	ug/L	97
60) Isopropylbenzene	10.476	105	232609	5.299	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	33377	4.831	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	172902	5.068	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	176269	5.229	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	116458	5.276	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	116527	5.107	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	110522	5.296	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6927	5.135	ug/L	87
69) 1,3,5-Trichlorobenzene	13.213	180	85432	5.174	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	65603	5.641	ug/L	97
71) Naphthalene	14.081	128	82659	5.389	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	56708	5.644	ug/L	96

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

