

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060041.D
 Acq On : 19 Jul 2024 00:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: Jul 19 01:41:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:30:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53291	4.807	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.911	69	49638	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.560	65	21694	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.628	46	152743	58.930	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.860%
24) Chloroform-d	5.055	84	115872	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	55768	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.721	84	230659	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	6.682	67	71888	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.891	98	211668	5.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	8.174	79	24850	5.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.200%
46) 2-Hexanone-d5	8.627	63	130716	63.511	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	67349	5.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	80965	5.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	55277	4.588	ug/L	99
3) Chloromethane	1.515	50	66038	4.538	ug/L	99
5) Vinyl chloride	1.599	62	75209	4.610	ug/L	99
6) Bromomethane	1.853	94	46239	4.354	ug/L	98
8) Chloroethane	1.930	64	48543	4.555	ug/L	100
9) Trichlorofluoromethane	2.133	101	94200	4.579	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60206	4.484	ug/L	99
12) 1,1-Dichloroethene	2.573	96	57257	4.708	ug/L	97
13) Acetone	2.644	43	87145	50.827	ug/L	94
14) Carbon disulfide	2.789	76	163552	4.618	ug/L	99
15) Methyl Acetate	2.952	43	22324	5.294	ug/L	98
16) Methylene chloride	3.039	84	87068	5.839	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	144599	5.213	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	61788	4.884	ug/L	93
19) 1,1-Dichloroethane	3.859	63	114701	4.775	ug/L	98
21) 2-Butanone	4.708	43	147117	54.203	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	71173	5.023	ug/L	97
23) Bromochloromethane	4.965	128	33991	4.936	ug/L	97
25) Chloroform	5.078	83	121454	4.598	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71660	4.745	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	97232	4.878	ug/L	98
30) Cyclohexane	5.380	56	82210	5.214	ug/L	98
31) Carbon tetrachloride	5.518	117	82672	4.807	ug/L	100
33) Benzene	5.766	78	267897	5.081	ug/L	100
34) Trichloroethene	6.534	95	71074	5.083	ug/L	95
35) Methylcyclohexane	6.756	83	92074	5.023	ug/L	99
37) 1,2-Dichloropropane	6.782	63	71344	5.009	ug/L	99
38) Bromodichloromethane	7.097	83	85959	4.817	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	91003	4.889	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	357681	56.750	ug/L	98
42) Toluene	7.962	91	295414	5.265	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	75440	4.852	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	54945	5.048	ug/L	97
47) Tetrachloroethene	8.547	164	56553	4.891	ug/L	96
48) 2-Hexanone	8.679	43	270785	58.678	ug/L	98
49) Dibromochloromethane	8.801	129	59023	4.902	ug/L	97
50) 1,2-Dibromoethane	8.917	107	50827	5.165	ug/L	92
51) Chlorobenzene	9.441	112	185260	5.054	ug/L	99
52) Ethylbenzene	9.563	91	295511	5.281	ug/L	99
53) m,p-Xylene	9.689	106	115095	5.325	ug/L	98
54) o-Xylene	10.094	106	111155	5.377	ug/L	93
55) Styrene	10.107	104	195699	5.562	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	67879	5.098	ug/L	96
59) Bromoform	10.283	173	38155	4.996	ug/L	100
60) Isopropylbenzene	10.476	105	293827	5.346	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	46896	5.293	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	230948	5.500	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	225235	5.551	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	149227	5.046	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	148198	4.923	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	143138	5.057	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	9303	5.388	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	108125	4.844	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	88906	5.234	ug/L	98
71) Naphthalene	14.081	128	129906	5.397	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	80969	5.300	ug/L	97

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

