

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060014.D
 Acq On : 18 Jul 2024 13:19
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

Quant Time: Jul 19 01:26:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:18:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53435	4.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.907	69	53433	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.557	65	20544	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.624	46	147094	56.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.620%
24) Chloroform-d	5.055	84	112295	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	54645	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.721	84	222276	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.682	67	69816	5.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.891	98	203931	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.174	79	26167	5.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.600%
46) 2-Hexanone-d5	8.627	63	123830	60.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	65076	5.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	79035	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	56871	4.683	ug/L	99
3) Chloromethane	1.518	50	70371	4.798	ug/L	98
5) Vinyl chloride	1.599	62	77436	4.709	ug/L	99
6) Bromomethane	1.853	94	51663	4.826	ug/L	98
8) Chloroethane	1.927	64	51836	4.826	ug/L	96
9) Trichlorofluoromethane	2.126	101	99118	4.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	64302	4.752	ug/L	99
12) 1,1-Dichloroethene	2.570	96	57950	4.728	ug/L	95
13) Acetone	2.641	43	97772	56.582	ug/L	93
14) Carbon disulfide	2.785	76	164729	4.615	ug/L	99
15) Methyl Acetate	2.949	43	23498	5.529	ug/L	97
16) Methylene chloride	3.036	84	68687	4.570	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	145666	5.211	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	60795	4.768	ug/L	98
19) 1,1-Dichloroethane	3.859	63	114032	4.710	ug/L	96
21) 2-Butanone	4.705	43	152340	55.692	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	71565	5.011	ug/L	97
23) Bromochloromethane	4.968	128	33832	4.874	ug/L	99
25) Chloroform	5.078	83	122028	4.583	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71414	4.692	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	97358	4.877	ug/L	98
30) Cyclohexane	5.380	56	84333	5.341	ug/L	97
31) Carbon tetrachloride	5.515	117	82108	4.767	ug/L	98
33) Benzene	5.766	78	265408	5.026	ug/L	100
34) Trichloroethene	6.534	95	69680	4.976	ug/L	98
35) Methylcyclohexane	6.756	83	97297	5.300	ug/L	100
37) 1,2-Dichloropropane	6.782	63	71083	4.983	ug/L	100
38) Bromodichloromethane	7.097	83	88765	4.967	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	97446	5.227	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	365814	57.953	ug/L	98
42) Toluene	7.965	91	291499	5.188	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	81549	5.237	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	56444	5.178	ug/L	97
47) Tetrachloroethene	8.547	164	56257	4.859	ug/L	99
48) 2-Hexanone	8.679	43	280331	60.655	ug/L	99
49) Dibromochloromethane	8.804	129	60062	4.981	ug/L	98
50) 1,2-Dibromoethane	8.917	107	51201	5.195	ug/L	98
51) Chlorobenzene	9.441	112	183663	5.003	ug/L	99
52) Ethylbenzene	9.563	91	295831	5.279	ug/L	100
53) m,p-Xylene	9.688	106	115532	5.337	ug/L	100
54) o-Xylene	10.094	106	112120	5.416	ug/L	100
55) Styrene	10.110	104	192371	5.459	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	69447	5.208	ug/L	97
59) Bromoform	10.283	173	38236	4.965	ug/L	99
60) Isopropylbenzene	10.479	105	290498	5.242	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	47455	5.312	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	227717	5.378	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	228556	5.586	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	151187	5.070	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	150652	4.963	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	147905	5.182	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	10248	5.886	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	113127	5.026	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	95894	5.598	ug/L	100
71) Naphthalene	14.084	128	176424	7.269	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	95795	6.219	ug/L	99

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

