

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030724\
 Data File : VU057997.D
 Acq On : 06 Mar 2024 12:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Mar 07 03:55:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 22:42:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	140454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	132233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	50292	4.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.904	69	42836	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.557	65	22413	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.611	46	94629	56.833	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.660%
24) Chloroform-d	5.055	84	101811	5.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.695	65	47516	5.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.721	84	198649	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.685	67	63906	5.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.894	98	183203	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	8.177	79	21289	5.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.627	63	79861	59.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	40564	5.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	54990	5.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	47157	5.541	ug/L	100
3) Chloromethane	1.515	50	52910	5.317	ug/L	99
5) Vinyl chloride	1.599	62	59064	5.518	ug/L	100
6) Bromomethane	1.849	94	29823	5.290	ug/L	97
8) Chloroethane	1.927	64	36842	5.466	ug/L	96
9) Trichlorofluoromethane	2.132	101	82701	5.424	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52496	5.507	ug/L	99
12) 1,1-Dichloroethene	2.570	96	45715	5.394	ug/L	98
13) Acetone	2.611	43	71020	57.315	ug/L	99
14) Carbon disulfide	2.785	76	135933	5.187	ug/L	99
15) Methyl Acetate	2.943	43	16224	5.900	ug/L	96
16) Methylene chloride	3.036	84	54895	5.330	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	108086	5.393	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	48406	5.244	ug/L	97
19) 1,1-Dichloroethane	3.859	63	103301	5.610	ug/L	98
21) 2-Butanone	4.689	43	107285	54.948	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	55655	5.481	ug/L	98
23) Bromochloromethane	4.965	128	20959	5.559	ug/L	91
25) Chloroform	5.078	83	104111	5.538	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	58486	5.620	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85944	5.461	ug/L	99
30) Cyclohexane	5.380	56	82897	5.216	ug/L	100
31) Carbon tetrachloride	5.518	117	75234	5.501	ug/L	99
33) Benzene	5.766	78	222507	5.484	ug/L	100
34) Trichloroethene	6.537	95	57207	5.358	ug/L	97
35) Methylcyclohexane	6.756	83	85194	5.206	ug/L	99
37) 1,2-Dichloropropane	6.785	63	58941	5.633	ug/L	100
38) Bromodichloromethane	7.100	83	68431	5.391	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	78089	5.417	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	271497	56.405	ug/L	99
42) Toluene	7.965	91	230066	5.444	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	61504	5.354	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	34814	5.611	ug/L	98
47) Tetrachloroethene	8.550	164	39959	5.395	ug/L	95
48) 2-Hexanone	8.679	43	188682	53.453	ug/L	99
49) Dibromochloromethane	8.804	129	41192	5.609	ug/L	98
50) 1,2-Dibromoethane	8.920	107	31411	5.705	ug/L	92
51) Chlorobenzene	9.444	112	143138	5.401	ug/L	98
52) Ethylbenzene	9.566	91	256177	5.417	ug/L	97
53) m,p-Xylene	9.692	106	91492	5.415	ug/L	100
54) o-Xylene	10.097	106	91021	5.405	ug/L	96
55) Styrene	10.110	104	147045	5.564	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	43221	5.914	ug/L	99
59) Bromoform	10.286	173	20856	5.896	ug/L	99
60) Isopropylbenzene	10.479	105	234391	5.549	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	29524	5.683	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	194300	5.454	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	197264	5.610	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	106524	5.548	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	102986	5.480	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	92651	5.528	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	5443	5.281	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	73593	5.329	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	54767	5.278	ug/L	98
71) Naphthalene	14.087	128	68232	4.815	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	43006	5.247	ug/L	99

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

