

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
 Data File : VU059872.D
 Acq On : 08 Jul 2024 09:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Jul 09 02:25:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	158299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46418	4.217	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.907	69	43583	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	17964	3.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.618	46	121165	53.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.880%
24) Chloroform-d	5.055	84	104407	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	50362	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.721	84	199224	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.685	67	63424	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.894	98	188232	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	24074	5.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.800%
46) 2-Hexanone-d5	8.627	63	103973	59.149	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57417	5.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	71579	4.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61601	4.593	ug/L	98
3) Chloromethane	1.515	50	68906	4.773	ug/L	98
5) Vinyl chloride	1.602	62	78885	4.947	ug/L	98
6) Bromomethane	1.853	94	49812	4.492	ug/L	99
8) Chloroethane	1.927	64	49575	5.159	ug/L	100
9) Trichlorofluoromethane	2.132	101	100894	5.256	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63219	5.202	ug/L	95
12) 1,1-Dichloroethene	2.573	96	56341	5.018	ug/L	82
13) Acetone	2.628	43	80797	54.934	ug/L	93
14) Carbon disulfide	2.788	76	178939	4.777	ug/L	100
15) Methyl Acetate	2.946	43	20170	5.197	ug/L #	90
16) Methylene chloride	3.039	84	66903	5.029	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	128132	5.296	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	59751	5.117	ug/L	89
19) 1,1-Dichloroethane	3.859	63	110697	5.141	ug/L	98
21) 2-Butanone	4.698	43	130456	55.299	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	67132	5.216	ug/L	94
23) Bromochloromethane	4.968	128	31792	5.419	ug/L #	82
25) Chloroform	5.078	83	117946	5.201	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70398	5.123	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	96835	5.234	ug/L	97
30) Cyclohexane	5.383	56	81539	4.992	ug/L	93
31) Carbon tetrachloride	5.518	117	81865	5.285	ug/L	100
33) Benzene	5.766	78	259242	5.329	ug/L	100
34) Trichloroethene	6.537	95	68759	5.219	ug/L	97
35) Methylcyclohexane	6.756	83	97074	5.178	ug/L	95
37) 1,2-Dichloropropane	6.785	63	66310	5.267	ug/L #	98
38) Bromodichloromethane	7.100	83	84767	5.394	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	93137	5.409	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	316853	54.313	ug/L #	94
42) Toluene	7.965	91	287106	5.574	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	76804	5.558	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	51741	5.577	ug/L	98
47) Tetrachloroethene	8.547	164	56492	5.526	ug/L	94
48) 2-Hexanone	8.679	43	238489	57.281	ug/L #	93
49) Dibromochloromethane	8.804	129	56946	5.541	ug/L	96
50) 1,2-Dibromoethane	8.920	107	47710	5.569	ug/L	95
51) Chlorobenzene	9.441	112	175992	5.387	ug/L	94
52) Ethylbenzene	9.566	91	277475	5.252	ug/L	96
53) m,p-Xylene	9.688	106	112575	5.548	ug/L	94
54) o-Xylene	10.097	106	104511	5.427	ug/L	97
55) Styrene	10.110	104	183230	5.589	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	62946	5.593	ug/L #	98
59) Bromoform	10.286	173	34494	5.350	ug/L #	97
60) Isopropylbenzene	10.479	105	277946	5.341	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	41988	5.394	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	207714	5.039	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	209234	5.309	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	146401	5.532	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	143805	5.279	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	133381	5.355	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8506	5.602	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.216	180	107184	5.471	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83711	5.570	ug/L	99
71) Naphthalene	14.084	128	118272	5.498	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	77212	5.533	ug/L	99

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

