

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059722.D
 Acq On : 02 Jul 2024 06:27
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

Quant Time: Jul 02 07:23:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	207910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	200703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	106028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41086	2.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.908	69	46990	3.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.560	65	20410	3.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.621	46	156501	52.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.100%
24) Chloroform-d	5.055	84	126160	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	59745	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.721	84	237262	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	75622	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	218533	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	23920	4.513	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.624	63	137087	62.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	67643	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	87897	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	72870	4.136	ug/L	98
3) Chloromethane	1.518	50	80686	4.255	ug/L	98
5) Vinyl chloride	1.602	62	90950	4.342	ug/L	99
6) Bromomethane	1.853	94	39550	2.716	ug/L	98
8) Chloroethane	1.930	64	58631	4.646	ug/L	100
9) Trichlorofluoromethane	2.133	101	114746	4.551	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	70280	4.403	ug/L	92
12) 1,1-Dichloroethene	2.573	96	71620	4.857	ug/L	81
13) Acetone	2.631	43	93102	48.196	ug/L	96
14) Carbon disulfide	2.789	76	217519	4.421	ug/L	100
15) Methyl Acetate	2.949	43	24537	4.813	ug/L	95
16) Methylene chloride	3.039	84	81519	4.665	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	172952	5.443	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	74328	4.847	ug/L	92
19) 1,1-Dichloroethane	3.859	63	136637	4.832	ug/L	98
21) 2-Butanone	4.698	43	159306	51.415	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	87605	5.183	ug/L	94
23) Bromochloromethane	4.965	128	39347	5.106	ug/L	87
25) Chloroform	5.078	83	144197	4.841	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	86441	4.789	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	116236	5.015	ug/L	98
30) Cyclohexane	5.380	56	104426	5.103	ug/L	95
31) Carbon tetrachloride	5.515	117	95044	4.898	ug/L	98
33) Benzene	5.766	78	315455	5.176	ug/L	100
34) Trichloroethene	6.534	95	83833	5.079	ug/L	96
35) Methylcyclohexane	6.756	83	116312	4.952	ug/L	93
37) 1,2-Dichloropropane	6.782	63	81182	5.147	ug/L #	98
38) Bromodichloromethane	7.097	83	101805	5.171	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	108489	5.030	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	413492	56.577	ug/L	97
42) Toluene	7.962	91	347012	5.378	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	87829	5.073	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	61809	5.318	ug/L	97
47) Tetrachloroethene	8.547	164	69319	5.412	ug/L	96
48) 2-Hexanone	8.676	43	299741	57.466	ug/L #	97
49) Dibromochloromethane	8.801	129	67460	5.240	ug/L	96
50) 1,2-Dibromoethane	8.917	107	58773	5.476	ug/L	99
51) Chlorobenzene	9.441	112	214383	5.238	ug/L	95
52) Ethylbenzene	9.563	91	353864	5.346	ug/L	96
53) m,p-Xylene	9.689	106	142791	5.617	ug/L	99
54) o-Xylene	10.094	106	133705	5.542	ug/L	99
55) Styrene	10.107	104	224808	5.474	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	74615	5.292	ug/L	99
59) Bromoform	10.283	173	41175	5.074	ug/L #	98
60) Isopropylbenzene	10.476	105	349408	5.335	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	49378	5.040	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	278660	5.370	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	282249	5.690	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	176718	5.305	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	179984	5.249	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	164634	5.252	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	10127	5.299	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.213	180	130928	5.309	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	108443	5.733	ug/L	99
71) Naphthalene	14.081	128	165001	6.094	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	97584	5.556	ug/L	98

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

