

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059750.D
 Acq On : 02 Jul 2024 19:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005132

Quant Time: Jul 03 04:05:15 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	177694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	179200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65477	5.299	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.000%
7) Chloroethane-d5	1.907	69	54706	4.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.560	65	24387	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.621	46	132071	51.891	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	5.055	84	114909	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	56300	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.721	84	234184	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	70162	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	224176	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.177	79	27462	5.803	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.000%
46) 2-Hexanone-d5	8.627	63	117395	59.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61703	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	79079	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	66690	4.429	ug/L	100
3) Chloromethane	1.515	50	75243	4.643	ug/L	97
5) Vinyl chloride	1.599	62	85535	4.778	ug/L	98
6) Bromomethane	1.853	94	49579	3.983	ug/L	94
8) Chloroethane	1.930	64	53796	4.987	ug/L	100
9) Trichlorofluoromethane	2.133	101	105354	4.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	66465	4.872	ug/L	95
12) 1,1-Dichloroethene	2.573	96	60048	4.765	ug/L	91
13) Acetone	2.631	43	82862	50.189	ug/L	90
14) Carbon disulfide	2.785	76	194368	4.623	ug/L	100
15) Methyl Acetate	2.949	43	21195	4.865	ug/L #	87
16) Methylene chloride	3.039	84	74570	4.993	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	142576	5.250	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	64498	4.921	ug/L	93
19) 1,1-Dichloroethane	3.859	63	119283	4.935	ug/L	99
21) 2-Butanone	4.702	43	144886	54.713	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	72522	5.020	ug/L	95
23) Bromochloromethane	4.968	128	34951	5.307	ug/L	84
25) Chloroform	5.078	83	126232	4.959	ug/L	98

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 VSTD005132

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

27) 1,2-Dichloroethane	5.785	62	75282	4.880	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	100819	4.872	ug/L	98
30) Cyclohexane	5.380	56	90957	4.979	ug/L	94
31) Carbon tetrachloride	5.518	117	84895	4.900	ug/L	100
33) Benzene	5.766	78	276790	5.086	ug/L	100
34) Trichloroethene	6.538	95	73451	4.984	ug/L	99
35) Methylcyclohexane	6.756	83	104348	4.976	ug/L	94
37) 1,2-Dichloropropane	6.782	63	71612	5.085	ug/L #	97
38) Bromodichloromethane	7.100	83	86353	4.912	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	97395	5.057	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	358078	54.874	ug/L #	93
42) Toluene	7.965	91	304150	5.279	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	82036	5.307	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	55697	5.367	ug/L	97
47) Tetrachloroethene	8.547	164	58137	5.084	ug/L	97
48) 2-Hexanone	8.679	43	263720	56.627	ug/L #	93
49) Dibromochloromethane	8.804	129	58329	5.074	ug/L	95
50) 1,2-Dibromoethane	8.920	107	51024	5.324	ug/L	98
51) Chlorobenzene	9.441	112	186396	5.101	ug/L	98
52) Ethylbenzene	9.566	91	306617	5.188	ug/L	96
53) m,p-Xylene	9.689	106	119999	5.287	ug/L	100
54) o-Xylene	10.097	106	112661	5.230	ug/L	95
55) Styrene	10.110	104	197964	5.398	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	67240	5.341	ug/L	99
59) Bromoform	10.283	173	37210	5.033	ug/L	98
60) Isopropylbenzene	10.479	105	301593	5.053	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	46577	5.217	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	233528	4.939	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	231151	5.114	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	151045	4.976	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	152989	4.896	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	144498	5.059	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9365	5.378	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.216	180	112283	4.997	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	89021	5.165	ug/L	97
71) Naphthalene	14.081	128	132902	5.387	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	82708	5.168	ug/L	98

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

