

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055176.D
 Acq On : 07 Sep 2023 06:12
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005113

Quant Time: Sep 07 15:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169812	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	180709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33429	4.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.908	69	41372	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	20583	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.625	46	132415	57.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.660%
24) Chloroform-d	5.062	84	109166	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.699	65	55256	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.724	84	213270	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.686	67	69497	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.895	98	192215	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.181	79	16975	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.631	63	78482	49.478	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53486	5.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	71351	4.858	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	49673	5.034	ug/L	97
3) Chloromethane	1.516	50	52587	5.235	ug/L	95
5) Vinyl chloride	1.599	62	55611	5.247	ug/L	99
6) Bromomethane	1.850	94	30898	4.834	ug/L	100
8) Chloroethane	1.927	64	35740	5.179	ug/L	98
9) Trichlorofluoromethane	2.133	101	80697	5.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	46642	5.202	ug/L	97
12) 1,1-Dichloroethene	2.573	96	40585	5.170	ug/L	87
13) Acetone	2.628	43	77085	49.799	ug/L	98
14) Carbon disulfide	2.789	76	95909	4.989	ug/L	99
15) Methyl Acetate	2.953	43	25293	7.983	ug/L	100
16) Methylene chloride	3.040	84	53351	4.447	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	115334	5.602	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42807	5.374	ug/L	96
19) 1,1-Dichloroethane	3.866	63	94093	5.466	ug/L	96
21) 2-Butanone	4.705	43	126678	55.700	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	54192	5.558	ug/L	98
23) Bromochloromethane	4.969	128	22237	5.545	ug/L	94
25) Chloroform	5.085	83	99457	5.547	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	61538	5.624	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	79214	5.068	ug/L	99
30) Cyclohexane	5.384	56	65193	4.690	ug/L	98
31) Carbon tetrachloride	5.522	117	65443	5.035	ug/L	99
33) Benzene	5.773	78	196214	5.102	ug/L	100
34) Trichloroethene	6.538	95	55813	5.222	ug/L	94
35) Methylcyclohexane	6.760	83	66248	4.417	ug/L	95
37) 1,2-Dichloropropane	6.789	63	58140	5.552	ug/L	98
38) Bromodichloromethane	7.104	83	64988	5.198	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	65574	4.604	ug/L	98
40) 4-Methyl-2-pentanone	7.789	43	318869	53.386	ug/L	99
42) Toluene	7.969	91	208620	5.088	ug/L	94
44) trans-1,3-Dichloropropene	8.210	75	52431	4.690	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	39833	5.648	ug/L	97
47) Tetrachloroethene	8.554	164	36164	4.895	ug/L	97
48) 2-Hexanone	8.682	43	237593	50.785	ug/L	97
49) Dibromochloromethane	8.808	129	39145	5.085	ug/L	95
50) 1,2-Dibromoethane	8.924	107	34885	5.432	ug/L #	90
51) Chlorobenzene	9.444	112	135247	4.981	ug/L	99
52) Ethylbenzene	9.570	91	227535	4.960	ug/L	100
53) m,p-Xylene	9.692	106	83916	4.944	ug/L	93
54) o-Xylene	10.100	106	83369	4.991	ug/L	99
55) Styrene	10.113	104	136716	4.956	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.779	83	47299	5.384	ug/L	100
59) Bromoform	10.290	173	20269	5.041	ug/L	98
60) Isopropylbenzene	10.483	105	225510	4.806	ug/L	99
61) 1,2,3-Trichloropropane	10.821	75	35002	5.242	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	178771	4.580	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	165884	4.312	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	105672	4.691	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	105663	4.706	ug/L	97
67) 1,2-Dichlorobenzene	12.213	146	99002	4.688	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	5495	4.271	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.219	180	69823	4.102	ug/L	98
70) 1,2,4-trichlorobenzene	13.840	180	60207	3.772	ug/L	99
71) Naphthalene	14.087	128	77818	2.682	ug/L	98
72) 1,2,3-Trichlorobenzene	14.329	180	49245	3.554	ug/L	98

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

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