

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055476.D
 Acq On : 22 Sep 2023 21:54
 Operator : MD/SY
 Sample : 04579-17MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ00MS

Quant Time: Sep 25 01:14:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	323286	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	334019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	189768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	103931	3.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.911	69	102285	3.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.563	65	47505	3.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.628	46	306654	51.960	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.920%
24) Chloroform-d	5.058	84	267344	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.698	65	133098	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.724	84	492855	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.689	67	153779	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.894	98	443982	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.177	79	55541	4.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.631	63	186912	50.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	130138	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	168431	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	138873	4.412	ug/L	98
3) Chloromethane	1.518	50	124840	4.509	ug/L	98
5) Vinyl chloride	1.602	62	139315	4.664	ug/L	98
6) Bromomethane	1.856	94	62353	3.286	ug/L	96
8) Chloroethane	1.930	64	92437	4.742	ug/L	97
9) Trichlorofluoromethane	2.136	101	191471	4.622	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	116030	4.603	ug/L	99
12) 1,1-Dichloroethene	2.576	96	105361	4.661	ug/L	91
13) Acetone	2.640	43	143521	42.662	ug/L	100
14) Carbon disulfide	2.792	76	329571	4.850	ug/L	99
15) Methyl Acetate	2.952	43	33135	4.320	ug/L	99
16) Methylene chloride	3.039	84	113939	4.207	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	235201	4.797	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	107339	4.711	ug/L	97
19) 1,1-Dichloroethane	3.865	63	201580	4.785	ug/L	99
21) 2-Butanone	4.708	43	234944	47.616	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	122616	4.642	ug/L	98
23) Bromochloromethane	4.972	128	53969	4.834	ug/L	98
25) Chloroform	5.084	83	218300	4.893	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	374631	13.693	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	190804	5.011	ug/L	99
30) Cyclohexane	5.386	56	161381	4.630	ug/L	99
31) Carbon tetrachloride	5.521	117	162624	4.983	ug/L	97
33) Benzene	5.772	78	469803	4.887	ug/L	100
34) Trichloroethene	6.537	95	124793	4.589	ug/L	98
35) Methylcyclohexane	6.759	83	175114	4.470	ug/L	98
37) 1,2-Dichloropropane	6.788	63	117832	4.687	ug/L	99
38) Bromodichloromethane	7.103	83	148167	5.029	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	158945	4.737	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	554962	48.659	ug/L	99
42) Toluene	7.965	91	498895	4.865	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	132795	4.946	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	86365	4.899	ug/L	99
47) Tetrachloroethene	8.550	164	94236	4.831	ug/L	97
48) 2-Hexanone	8.682	43	434858	49.197	ug/L	98
49) Dibromochloromethane	8.807	129	92357	4.998	ug/L	99
50) 1,2-Dibromoethane	8.920	107	81709	4.994	ug/L	96
51) Chlorobenzene	9.444	112	311056	4.736	ug/L	98
52) Ethylbenzene	9.566	91	534928	4.866	ug/L	96
53) m,p-Xylene	9.692	106	204705	4.969	ug/L	98
54) o-Xylene	10.097	106	194230	4.849	ug/L	100
55) Styrene	10.113	104	324610	5.012	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	102486	5.150	ug/L	99
59) Bromoform	10.290	173	49746	4.891	ug/L	99
60) Isopropylbenzene	10.483	105	526398	4.813	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	69613	4.699	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	416419	4.761	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	403298	4.711	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	248572	4.747	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	244522	4.672	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	227760	4.744	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	13454	5.240	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	164072	4.550	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	120458	4.382	ug/L	98
71) Naphthalene	14.084	128	169164	4.250	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	109192	4.564	ug/L	99

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

