

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055565.D
 Acq On : 27 Sep 2023 20:50
 Operator : MD/SY
 Sample : 04530-07MS 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4MS

Quant Time: Sep 27 23:38:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	205401	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	219984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94897	4.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.911	69	79477	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.567	65	36150	4.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.628	46	175058	46.686	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.380%
24) Chloroform-d	5.058	84	177029	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.698	65	81668	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	346848	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	104627	4.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.894	98	317419	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	36653	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	104830	42.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82033	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	118478	4.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	85445	4.273	ug/L	99
3) Chloromethane	1.518	50	88564	5.035	ug/L	97
5) Vinyl chloride	1.602	62	323021	17.020	ug/L	100
6) Bromomethane	1.856	94	51195	4.247	ug/L	99
8) Chloroethane	1.933	64	57626	4.653	ug/L	98
9) Trichlorofluoromethane	2.139	101	133068	5.056	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	76181	4.757	ug/L	99
12) 1,1-Dichloroethene	2.579	96	69161	4.816	ug/L	90
13) Acetone	2.637	43	92161	43.118	ug/L	97
14) Carbon disulfide	2.792	76	210594	4.878	ug/L	98
15) Methyl Acetate	2.952	43	23262	4.773	ug/L	99
16) Methylene chloride	3.042	84	82827	4.814	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	148434	4.765	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	71197	4.919	ug/L	96
19) 1,1-Dichloroethane	3.866	63	131935	4.929	ug/L	97
21) 2-Butanone	4.708	43	152794	48.739	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	309157	18.422	ug/L	99
23) Bromochloromethane	4.972	128	35336	4.982	ug/L	96
25) Chloroform	5.084	83	144083	5.083	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	82716	4.758	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	121420	4.842	ug/L	99
30) Cyclohexane	5.386	56	101982	4.442	ug/L	98
31) Carbon tetrachloride	5.521	117	106296	4.945	ug/L	98
33) Benzene	5.772	78	307794	4.861	ug/L	100
34) Trichloroethene	6.538	95	81872	4.571	ug/L	98
35) Methylcyclohexane	6.759	83	111099	4.306	ug/L	99
37) 1,2-Dichloropropane	6.788	63	77470	4.678	ug/L	99
38) Bromodichloromethane	7.103	83	95498	4.921	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	107135	4.848	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	355450	47.322	ug/L	100
42) Toluene	7.965	91	329975	4.886	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	87297	4.937	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	57141	4.922	ug/L	96
47) Tetrachloroethene	8.550	164	62868	4.893	ug/L	99
48) 2-Hexanone	8.682	43	275196	47.273	ug/L	98
49) Dibromochloromethane	8.808	129	64085	5.266	ug/L	89
50) 1,2-Dibromoethane	8.920	107	54045	5.016	ug/L #	98
51) Chlorobenzene	9.444	112	208087	4.810	ug/L	99
52) Ethylbenzene	9.566	91	341623	4.718	ug/L	98
53) m,p-Xylene	9.692	106	134144	4.944	ug/L	96
54) o-Xylene	10.097	106	126327	4.789	ug/L	94
55) Styrene	10.113	104	215942	5.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	66136	5.046	ug/L	99
59) Bromoform	10.287	173	34881	5.129	ug/L	99
60) Isopropylbenzene	10.483	105	342239	4.680	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	46912	4.736	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	262551	4.489	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	254044	4.438	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	167583	4.786	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	166062	4.746	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	157578	4.909	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	8394	4.889	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	112988	4.686	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	79790	4.341	ug/L	98
71) Naphthalene	14.084	128	101613	3.818	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	69674	4.356	ug/L	99

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

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