

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055567.D
 Acq On : 27 Sep 2023 21:39
 Operator : MD/SY
 Sample : 04610-03MS 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCJH9MS

Quant Time: Sep 27 23:39:21 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	6.245	114	208191	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	217454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86955	4.132	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.911	69	71639	3.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.563	65	33562	3.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.628	46	166627	43.842	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.680%
24) Chloroform-d	5.058	84	164138	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.698	65	76552	4.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.724	84	321476	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.689	67	96898	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.894	98	296879	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.177	79	34744	4.356	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.631	63	96398	39.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78697	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	110039	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	86233	4.254	ug/L	100
3) Chloromethane	1.515	50	84605	4.745	ug/L	97
5) Vinyl chloride	1.602	62	98601	5.126	ug/L	98
6) Bromomethane	1.856	94	53369	4.368	ug/L	99
8) Chloroethane	1.933	64	57592	4.588	ug/L	97
9) Trichlorofluoromethane	2.136	101	130338	4.886	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	76065	4.686	ug/L	99
12) 1,1-Dichloroethene	2.576	96	66831	4.591	ug/L	94
13) Acetone	2.640	43	90235	41.651	ug/L	98
14) Carbon disulfide	2.792	76	209981	4.799	ug/L	98
15) Methyl Acetate	2.949	43	24843	5.030	ug/L	96
16) Methylene chloride	3.042	84	84819	4.864	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	149174	4.724	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	70981	4.838	ug/L	97
19) 1,1-Dichloroethane	3.866	63	133235	4.911	ug/L	98
21) 2-Butanone	4.708	43	151447	47.662	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	81628	4.799	ug/L	97
23) Bromochloromethane	4.972	128	34855	4.848	ug/L	97
25) Chloroform	5.084	83	148160	5.157	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	80323	4.559	ug/L #	94
29) 1,1,1-Trichloroethane	5.312	97	121305	4.893	ug/L	99
30) Cyclohexane	5.386	56	104286	4.596	ug/L	98
31) Carbon tetrachloride	5.521	117	104204	4.904	ug/L	98
33) Benzene	5.769	78	304121	4.859	ug/L	100
34) Trichloroethene	6.537	95	265954	15.022	ug/L	99
35) Methylcyclohexane	6.759	83	112665	4.418	ug/L	99
37) 1,2-Dichloropropane	6.788	63	77193	4.716	ug/L	100
38) Bromodichloromethane	7.103	83	95110	4.958	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	107798	4.934	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	361280	48.658	ug/L	99
42) Toluene	7.965	91	329411	4.934	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	85688	4.902	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	54228	4.725	ug/L	99
47) Tetrachloroethene	8.550	164	62255	4.902	ug/L	98
48) 2-Hexanone	8.682	43	275154	47.816	ug/L	97
49) Dibromochloromethane	8.804	129	62361	5.183	ug/L	96
50) 1,2-Dibromoethane	8.920	107	52444	4.924	ug/L	98
51) Chlorobenzene	9.444	112	204026	4.771	ug/L	99
52) Ethylbenzene	9.566	91	345055	4.821	ug/L	98
53) m,p-Xylene	9.692	106	133865	4.991	ug/L	95
54) o-Xylene	10.097	106	126181	4.839	ug/L	95
55) Styrene	10.113	104	211668	5.020	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	65533	5.058	ug/L	98
59) Bromoform	10.286	173	35155	5.168	ug/L	99
60) Isopropylbenzene	10.479	105	342880	4.687	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	48215	4.866	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	268648	4.592	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	263122	4.595	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	171689	4.902	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	171157	4.890	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	155229	4.834	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	8870	5.165	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	117345	4.865	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	88241	4.799	ug/L	99
71) Naphthalene	14.084	128	127916	4.805	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	77382	4.836	ug/L	97

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

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