

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092123\
 Data File : VU055448.D
 Acq On : 21 Sep 2023 16:12
 Operator : MD/SY
 Sample : 04562-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCJL2MS

Quant Time: Sep 22 02:35:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255745	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	259809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103464	4.003	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.911	69	102425	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.563	65	45225	4.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.624	46	256883	55.022	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.040%
24) Chloroform-d	5.059	84	238974	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.698	65	119401	5.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.724	84	453346	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.685	67	137088	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	413540	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.177	79	51263	5.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.600%
46) 2-Hexanone-d5	8.631	63	151364	52.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	109275	5.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	150356	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	118422	4.756	ug/L	100
3) Chloromethane	1.515	50	109600	5.004	ug/L	97
5) Vinyl chloride	1.602	62	117782	4.984	ug/L	98
6) Bromomethane	1.856	94	79168	5.275	ug/L	96
8) Chloroethane	1.930	64	76569	4.966	ug/L	100
9) Trichlorofluoromethane	2.133	101	162756	4.967	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	101366	5.083	ug/L	99
12) 1,1-Dichloroethene	2.576	96	88447	4.946	ug/L	93
13) Acetone	2.637	43	128334	48.222	ug/L	97
14) Carbon disulfide	2.789	76	504292	9.382	ug/L	98
15) Methyl Acetate	2.949	43	29447	4.853	ug/L	99
16) Methylene chloride	3.039	84	98718	4.608	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	200708	5.174	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	90036	4.996	ug/L	98
19) 1,1-Dichloroethane	3.866	63	169490	5.085	ug/L	95
21) 2-Butanone	4.708	43	190458	48.794	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	102426	4.902	ug/L	94
23) Bromochloromethane	4.972	128	45363	5.136	ug/L	93
25) Chloroform	5.084	83	187732	5.319	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	110646	5.112	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	154983	5.233	ug/L	99
30) Cyclohexane	5.386	56	137800	5.083	ug/L	99
31) Carbon tetrachloride	5.522	117	135600	5.341	ug/L	97
33) Benzene	5.769	78	393823	5.267	ug/L	100
34) Trichloroethene	6.538	95	279557	13.217	ug/L	98
35) Methylcyclohexane	6.759	83	156587	5.139	ug/L	99
37) 1,2-Dichloropropane	6.785	63	102328	5.232	ug/L	99
38) Bromodichloromethane	7.100	83	119779	5.227	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	139274	5.336	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	453181	51.085	ug/L	98
42) Toluene	7.965	91	422036	5.291	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	112087	5.367	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	73528	5.362	ug/L	96
47) Tetrachloroethene	8.550	164	82688	5.450	ug/L	97
48) 2-Hexanone	8.682	43	360925	52.496	ug/L	98
49) Dibromochloromethane	8.804	129	76314	5.309	ug/L	95
50) 1,2-Dibromoethane	8.920	107	65645	5.159	ug/L	95
51) Chlorobenzene	9.444	112	263409	5.156	ug/L	99
52) Ethylbenzene	9.566	91	442798	5.178	ug/L	99
53) m,p-Xylene	9.692	106	172084	5.370	ug/L	100
54) o-Xylene	10.097	106	161826	5.194	ug/L	94
55) Styrene	10.113	104	272335	5.406	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	79270	5.121	ug/L	97
59) Bromoform	10.287	173	40500	5.118	ug/L	98
60) Isopropylbenzene	10.483	105	434270	5.104	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	56751	4.925	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	344811	5.068	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	334181	5.018	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	205464	5.044	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	204505	5.023	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	186296	4.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	10699	5.356	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	136496	4.866	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	99769	4.665	ug/L	99
71) Naphthalene	14.084	128	135164	4.366	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	86726	4.660	ug/L	99

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

