

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058025.D
 Acq On : 08 Mar 2024 18:19
 Operator : MD/SY
 Sample : P1636-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNO6MS

Quant Time: Mar 09 00:15:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42413	4.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.904	69	38239	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	19554	4.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.608	46	95225	56.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.480%
24) Chloroform-d	5.052	84	96847	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	44213	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.718	84	185179	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	58177	4.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	167495	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.174	79	19353	4.756	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.624	63	81336	59.529	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40583	5.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	54456	5.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	43661	5.090	ug/L	99
3) Chloromethane	1.515	50	50047	4.989	ug/L	100
5) Vinyl chloride	1.599	62	54446	5.046	ug/L	100
6) Bromomethane	1.850	94	25839	4.547	ug/L	99
8) Chloroethane	1.927	64	35268	5.191	ug/L	97
9) Trichlorofluoromethane	2.132	101	80180	5.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49037	5.103	ug/L	99
12) 1,1-Dichloroethene	2.570	96	43698	5.115	ug/L	99
13) Acetone	2.612	43	62478	50.020	ug/L	100
14) Carbon disulfide	2.785	76	126622	4.794	ug/L	100
15) Methyl Acetate	2.943	43	14683	5.297	ug/L	95
16) Methylene chloride	3.033	84	50226	4.837	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	106200	5.257	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	47119	5.064	ug/L	96
19) 1,1-Dichloroethane	3.859	63	99820	5.378	ug/L	98
21) 2-Butanone	4.689	43	98040	49.814	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	53700	5.246	ug/L	94
23) Bromochloromethane	4.965	128	20382	5.362	ug/L	94
25) Chloroform	5.078	83	99610	5.257	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57479	5.479	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	85174	5.357	ug/L	99
30) Cyclohexane	5.380	56	78835	4.910	ug/L	99
31) Carbon tetrachloride	5.515	117	72419	5.242	ug/L	98
33) Benzene	5.766	78	215587	5.259	ug/L	100
34) Trichloroethene	6.534	95	55572	5.153	ug/L	96
35) Methylcyclohexane	6.756	83	80336	4.859	ug/L	99
37) 1,2-Dichloropropane	6.782	63	56474	5.343	ug/L	99
38) Bromodichloromethane	7.097	83	66965	5.222	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	73132	5.022	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	263275	54.145	ug/L	99
42) Toluene	7.962	91	223818	5.243	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	59741	5.148	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	33932	5.414	ug/L	98
47) Tetrachloroethene	8.547	164	38330	5.123	ug/L	98
48) 2-Hexanone	8.676	43	181438	50.882	ug/L	98
49) Dibromochloromethane	8.804	129	40307	5.433	ug/L	96
50) 1,2-Dibromoethane	8.917	107	30878	5.552	ug/L	93
51) Chlorobenzene	9.441	112	138211	5.163	ug/L	98
52) Ethylbenzene	9.563	91	246268	5.155	ug/L	100
53) m,p-Xylene	9.688	106	88985	5.214	ug/L	99
54) o-Xylene	10.094	106	86731	5.099	ug/L	99
55) Styrene	10.110	104	141557	5.302	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	41094	5.566	ug/L	99
59) Bromoform	10.286	173	19031	5.270	ug/L	97
60) Isopropylbenzene	10.479	105	227194	5.268	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29045	5.476	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	188409	5.180	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	190808	5.315	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	103608	5.285	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	98149	5.115	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	90758	5.303	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5881	5.588	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	70393	4.992	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	54151	5.111	ug/L	97
71) Naphthalene	14.084	128	67540	4.668	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	42888	5.125	ug/L	96

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

