

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058887.D
 Acq On : 14 May 2024 15:19
 Operator : MD/SY
 Sample : P2409-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-03

Quant Time: May 15 01:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158743	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73144	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44495	4.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.911	69	42503	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.563	65	17797	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.631	46	125841	50.336	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.680%
24) Chloroform-d	5.055	84	96359	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	51900	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	181762	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	63191	5.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	152402	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	20867	4.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.627	63	102906	51.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52582	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	58859	5.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2524	0.217	ug/L	93
3) Chloromethane	1.515	50	3287	0.243	ug/L	98
5) Vinyl chloride	1.602	62	3249	0.224	ug/L #	67
6) Bromomethane	1.856	94	1773	0.196	ug/L	77
8) Chloroethane	1.930	64	2384	0.259	ug/L	94
9) Trichlorofluoromethane	2.136	101	3868	0.208	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	2932	0.260	ug/L #	82
12) 1,1-Dichloroethene	2.576	96	2692	0.272	ug/L #	1
14) Carbon disulfide	2.789	76	7247	0.231	ug/L	98
15) Methyl Acetate	2.969	43	890m	0.207	ug/L	
16) Methylene chloride	3.039	84	10412	0.776	ug/L	99
17) Methyl tert-butyl Ether	3.367	73	4962m	0.193	ug/L	
18) trans-1,2-Dichloroethene	3.358	96	2084	0.200	ug/L	98
19) 1,1-Dichloroethane	3.862	63	4721	0.217	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	2886	0.241	ug/L	96
23) Bromochloromethane	4.978	128	1139	0.215	ug/L #	70
25) Chloroform	5.084	83	5708	0.251	ug/L	98
27) 1,2-Dichloroethane	5.798	62	3210	0.231	ug/L	98
30) Cyclohexane	5.383	56	3536	0.209	ug/L #	91

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31) Carbon tetrachloride	5.515	117	2947	0.197	ug/L	84
33) Benzene	5.772	78	10401	0.221	ug/L	100
35) Methylcyclohexane	6.756	83	3586	0.202	ug/L	97
37) 1,2-Dichloropropane	6.788	63	2834	0.212	ug/L #	90
38) Bromodichloromethane	7.103	83	3271	0.204	ug/L #	98
39) cis-1,3-Dichloropropene	7.608	75	4069	0.224	ug/L	95
40) 4-Methyl-2-pentanone	7.792	43	13536	1.961	ug/L #	88
42) Toluene	7.965	91	10387	0.212	ug/L	99
44) trans-1,3-Dichloropropene	8.213	75	3372	0.227	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	1869	0.199	ug/L #	84
49) Dibromochloromethane	8.804	129	2124	0.214	ug/L	86
50) 1,2-Dibromoethane	8.920	107	1750	0.211	ug/L #	92
51) Chlorobenzene	9.441	112	7202	0.230	ug/L	96
52) Ethylbenzene	9.566	91	10682	0.202	ug/L	86
53) m,p-Xylene	9.689	106	3728	0.192	ug/L	95
54) o-Xylene	10.097	106	3182	0.168	ug/L	71
55) Styrene	10.119	104	5298	0.166	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	2684	0.225	ug/L #	99
59) Bromoform	10.290	173	1005	0.188	ug/L #	88
60) Isopropylbenzene	10.480	105	9495	0.203	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	1814	0.241	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.084	105	6767	0.181	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	6902	0.187	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	5459	0.240	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	5903	0.260	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	5046	0.237	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	240	0.158	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.222	180	3838	0.225	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	3237	0.230	ug/L	98
71) Naphthalene	14.097	128	4625m	0.218	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	2903	0.235	ug/L #	81

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

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