

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047207.D
 Acq On : 17 Feb 2022 16:20
 Operator : SY/MD
 Sample : N1331-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Feb 18 03:44:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

02/22/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	167033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96058	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	61667	4.498	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.919	69	52518	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.572	65	24830	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.649	46	174236	53.171	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	5.070	84	111767	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.706	65	59911	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.732	84	229874	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.694	67	74581	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.903	98	220329	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.182	79	29401	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.636	63	150194	42.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58654	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	85545	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.388	85	2589	0.189	ug/L	94
3) Chloromethane	1.523	50	3288	0.221	ug/L	93
5) Vinyl chloride	1.607	62	3147	0.209	ug/L #	71
6) Bromomethane	1.864	94	1906	0.216	ug/L	99
8) Chloroethane	1.938	64	1740	0.201	ug/L	100
9) Trichlorofluoromethane	2.144	101	3622	0.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2896	0.262	ug/L #	82
12) 1,1-Dichloroethene	2.581	96	2827	0.265	ug/L #	1
13) Acetone	2.671	43	4335m	2.642	ug/L	
14) Carbon disulfide	2.797	76	7156	0.201	ug/L	99
15) Methyl Acetate	2.967	43	878	0.173	ug/L #	56
16) Methylene chloride	3.051	84	4284	0.360	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	5095	0.175	ug/L #	94
18) trans-1,2-Dichloroethene	3.359	96	2136	0.185	ug/L	99
19) 1,1-Dichloroethane	3.877	63	3915	0.194	ug/L	95
21) 2-Butanone	4.739	43	4413	1.432	ug/L	89
22) cis-1,2-Dichloroethene	4.674	96	2500	0.199	ug/L	93
23) Bromochloromethane	4.986	128	1172	0.199	ug/L	78
25) Chloroform	5.092	83	5602	0.265	ug/L	99

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27) 1,2-Dichloroethane	5.803	62	2528	0.179	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	3453	0.191	ug/L	96
30) Cyclohexane	5.391	56	3697	0.187	ug/L	94
31) Carbon tetrachloride	5.530	117	2871	0.182	ug/L	93
33) Benzene	5.780	78	9270	0.195	ug/L	100
34) Trichloroethene	6.542	95	2557	0.202	ug/L	92
35) Methylcyclohexane	6.764	83	4076	0.191	ug/L	93
37) 1,2-Dichloropropane	6.790	63	2340	0.191	ug/L #	88
38) Bromodichloromethane	7.112	83	2929	0.187	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	3307	0.173	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	13466	1.538	ug/L #	87
42) Toluene	7.973	91	13986	0.265	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	4242	0.247	ug/L	89
45) 1,1,2-Trichloroethane	8.401	97	1715	0.180	ug/L	92
47) Tetrachloroethene	8.555	164	2086	0.203	ug/L	88
48) 2-Hexanone	8.693	43	25542	3.924	ug/L	93
49) Dibromochloromethane	8.812	129	2134	0.186	ug/L	89
50) 1,2-Dibromoethane	8.925	107	1741	0.181	ug/L #	99
51) Chlorobenzene	9.449	112	6845	0.201	ug/L	99
52) Ethylbenzene	9.574	91	11302	0.195	ug/L	98
53) m,p-Xylene	9.697	106	4365	0.192	ug/L	96
54) o-Xylene	10.105	106	4050	0.183	ug/L	94
55) Styrene	10.118	104	6438	0.174	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	2220	0.176	ug/L #	95
59) Bromoform	10.291	173	1068	0.153	ug/L #	93
60) Isopropylbenzene	10.488	105	10716	0.190	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	1607	0.175	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.089	105	7138	0.190	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	9138	0.189	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	5472	0.201	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	5888	0.214	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	5325	0.206	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.996	75	245	0.116	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.224	180	4497m	0.200	ug/L	
70) 1,2,4-trichlorobenzene	13.841	180	4201	0.201	ug/L	95
71) Naphthalene	14.089	128	7893	0.183	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.333	180	3954	0.201	ug/L	91

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

Manual Integrations

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