

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024723.D
 Acq On : 17 Feb 2022 15:40
 Operator : SY/MD
 Sample : N1331-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 18 07:42:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Semsettin Yesilyurt 02/18/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	172375	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	159439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70718	4.837	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.571	69	58432	4.872	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.111	63	97702	3.647	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	3.899	46	103749	49.679	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.360%	
24) Chloroform-d	4.352	84	106424	4.665	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.034	65	50905	5.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.053	84	228129	4.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.069	67	69302	5.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.317	98	201235	4.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.625	79	21088	4.677	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.088	63	83922	47.297	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.600%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38773	4.753	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61315	4.959	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	3452	0.205	ug/L	100
3) Chloromethane	1.243	50	3740	0.223	ug/L	98
5) Vinyl chloride	1.310	62	4366	0.237	ug/L #	66
6) Bromomethane	1.523	94	2616	0.238	ug/L	92
8) Chloroethane	1.587	64	2793	0.246	ug/L	99
9) Trichlorofluoromethane	1.757	101	5401	0.223	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	3936	0.280	ug/L #	84
12) 1,1-Dichloroethene	2.117	96	3754	0.280	ug/L #	1
13) Acetone	2.188	43	3390	2.302	ug/L	70
14) Carbon disulfide	2.297	76	8631	0.229	ug/L	96
15) Methyl Acetate	2.442	43	329	0.085	ug/L #	73
16) Methylene chloride	2.510	84	6781	0.513	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	5655	0.214	ug/L #	96
18) trans-1,2-Dichloroethene	2.764	96	2680	0.204	ug/L	87
19) 1,1-Dichloroethane	3.198	63	5222	0.218	ug/L	97
21) 2-Butanone	4.014	43	5602m	2.461	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	3108	0.224	ug/L	83
23) Bromochloromethane	4.268	128	1118	0.209	ug/L	88
25) Chloroform	4.378	83	8947	0.357	ug/L	96

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27) 1,2-Dichloroethane	5.143	62	2967	0.222	ug/L #	73	02/18/2022
29) 1,1,1-Trichloroethane	4.612	97	4619	0.216	ug/L	97	Supervised By : Semsettin Yesilyurt
30) Cyclohexane	4.674	56	4530	0.209	ug/L	91	
31) Carbon tetrachloride	4.834	117	3695	0.205	ug/L	93	
33) Benzene	5.104	78	11011	0.204	ug/L	100	
34) Trichloroethene	5.924	95	3300	0.231	ug/L	95	
35) Methylcyclohexane	6.130	83	5061	0.219	ug/L	98	02/18/2022
37) 1,2-Dichloropropane	6.188	63	2758	0.216	ug/L #	86	
38) Bromodichloromethane	6.516	83	3585	0.223	ug/L #	98	
39) cis-1,3-Dichloropropene	7.040	75	3904	0.221	ug/L	97	
40) 4-Methyl-2-pentanone	7.233	43	11232	1.851	ug/L #	89	
42) Toluene	7.394	91	14917	0.260	ug/L	95	
44) trans-1,3-Dichloropropene	7.664	75	3243	0.229	ug/L	95	
45) 1,1,2-Trichloroethane	7.850	97	1791	0.216	ug/L	91	
47) Tetrachloroethene	7.979	164	2047	0.210	ug/L	82	
48) 2-Hexanone	8.146	43	16396	3.844	ug/L	91	
49) Dibromochloromethane	8.249	129	1863	0.202	ug/L	84	
50) 1,2-Dibromoethane	8.358	107	1792	0.237	ug/L #	83	
51) Chlorobenzene	8.882	112	8005	0.223	ug/L	92	
52) Ethylbenzene	9.014	91	13561	0.216	ug/L	97	
53) m,p-xylene	9.143	106	4742	0.200	ug/L	94	
54) o-xylene	9.545	106	4857	0.210	ug/L	82	
55) Styrene	9.567	104	7084	0.188	ug/L	92	
57) 1,1,2,2-Tetrachloroethane	10.239	83	1932	0.220	ug/L #	77	
59) Bromoform	9.734	173	731	0.202	ug/L #	91	
60) Isopropylbenzene	9.931	105	13284	0.225	ug/L	97	
61) 1,2,3-Trichloropropane	10.278	75	1381	0.213	ug/L	96	
62) 1,3,5-Trimethylbenzene	10.538	105	9779	0.198	ug/L	97	
63) 1,2,4-Trimethylbenzene	10.914	105	10129	0.207	ug/L	100	
64) 1,3-Dichlorobenzene	11.181	146	5400	0.217	ug/L	97	
65) 1,4-Dichlorobenzene	11.275	146	5858	0.235	ug/L	95	
67) 1,2-Dichlorobenzene	11.641	146	5261	0.239	ug/L	98	
68) 1,2-Dibromo-3-chloropr...	12.432	75	144	0.130	ug/L	89	
69) 1,3,5-Trichlorobenzene	12.648	180	3960	0.224	ug/L	99	
70) 1,2,4-trichlorobenzene	13.265	180	3215	0.231	ug/L	93	
71) Naphthalene	13.506	128	5566	0.235	ug/L	99	
72) 1,2,3-Trichlorobenzene	13.744	180	2712	0.233	ug/L	97	

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

