

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024747.D
 Acq On : 18 Feb 2022 12:36
 Operator : SY/MD
 Sample : N1331-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 19 00:52:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163184	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	149255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63743	4.605	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.568	69	54665	4.814	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.108	63	88586	3.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.800%	
20) 2-Butanone-d5	3.895	46	99502	50.329	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.660%	
24) Chloroform-d	4.349	84	101790	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.034	65	47904	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.050	84	215124	4.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.069	67	65865	5.198	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.313	98	189210	4.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	7.622	79	20020	4.743	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5	8.088	63	78680	47.369	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.740%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36504	4.780	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59087	5.137	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	3081	0.194	ug/L	100
3) Chloromethane	1.243	50	3239	0.204	ug/L	100
5) Vinyl chloride	1.310	62	3648	0.209	ug/L #	65
6) Bromomethane	1.523	94	2625	0.252	ug/L	93
8) Chloroethane	1.584	64	2376	0.221	ug/L	98
9) Trichlorofluoromethane	1.754	101	4572	0.200	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	3457	0.260	ug/L #	83
12) 1,1-Dichloroethene	2.117	96	3162	0.249	ug/L #	1
13) Acetone	2.185	43	3086	2.213	ug/L	94
14) Carbon disulfide	2.294	76	6498	0.182	ug/L	97
15) Methyl Acetate	2.455	43	738	0.202	ug/L #	49
16) Methylene chloride	2.510	84	4497	0.359	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	4635	0.186	ug/L #	93
18) trans-1,2-Dichloroethene	2.770	96	2402	0.194	ug/L	77
19) 1,1-Dichloroethane	3.198	63	4416	0.194	ug/L	95
21) 2-Butanone	4.008	43	4066m	1.887	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	2561	0.195	ug/L	92
23) Bromochloromethane	4.265	128	900	0.177	ug/L #	86
25) Chloroform	4.375	83	8240	0.347	ug/L	91

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27) 1,2-Dichloroethane	5.140	62	2494	0.197	ug/L #	73
29) 1,1,1-Trichloroethane	4.612	97	3932	0.196	ug/L	95
30) Cyclohexane	4.674	56	3814	0.188	ug/L	88
31) Carbon tetrachloride	4.825	117	3191	0.189	ug/L	99
33) Benzene	5.101	78	9183	0.182	ug/L	100
34) Trichloroethene	5.921	95	2715	0.203	ug/L	93
35) Methylcyclohexane	6.124	83	4367	0.202	ug/L	98
37) 1,2-Dichloropropane	6.178	63	2498	0.209	ug/L #	86
38) Bromodichloromethane	6.519	83	2927	0.195	ug/L	91
39) cis-1,3-Dichloropropene	7.037	75	3089	0.187	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	9737	1.714	ug/L #	86
42) Toluene	7.390	91	12460	0.232	ug/L	98
44) trans-1,3-Dichloropropene	7.667	75	2176	0.164	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	1450	0.187	ug/L	97
47) Tetrachloroethene	7.976	164	1848	0.203	ug/L	91
48) 2-Hexanone	8.143	43	16067	4.024	ug/L	98
49) Dibromochloromethane	8.252	129	1381	0.160	ug/L	99
50) 1,2-Dibromoethane	8.355	107	1097	0.155	ug/L #	98
51) Chlorobenzene	8.886	112	6421	0.191	ug/L	98
52) Ethylbenzene	9.017	91	10632	0.181	ug/L	96
53) m,p-xylene	9.140	106	3857	0.174	ug/L	91
54) o-xylene	9.545	106	3596	0.166	ug/L	98
55) Styrene	9.567	104	5974	0.169	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	1678	0.204	ug/L #	90
59) Bromoform	9.731	173	459	0.136	ug/L #	77
60) Isopropylbenzene	9.931	105	9693	0.176	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	1232	0.205	ug/L	92
62) 1,3,5-Trimethylbenzene	10.538	105	7775	0.170	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	7896	0.174	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	4390	0.189	ug/L	93
65) 1,4-Dichlorobenzene	11.275	146	4851	0.209	ug/L	91
67) 1,2-Dichlorobenzene	11.641	146	4152	0.203	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.429	75	78	0.076	ug/L #	41
69) 1,3,5-Trichlorobenzene	12.648	180	3317	0.202	ug/L	95
70) 1,2,4-trichlorobenzene	13.265	180	2345	0.181	ug/L	92
71) Naphthalene	13.506	128	3881	0.176	ug/L	94
72) 1,2,3-Trichlorobenzene	13.744	180	1921	0.177	ug/L	98

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

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