

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024770.D
 Acq On : 21 Feb 2022 12:45
 Operator : SY/MD
 Sample : N1331-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2022-02

Quant Time: Feb 22 03:37:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/23/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	179583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55824	3.665	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.568	69	49691	3.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.108	63	77737	2.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.892	46	108040	49.657	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.320%
24) Chloroform-d	4.349	84	101429	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.031	65	47327	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.047	84	206859	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.066	67	64376	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.314	98	177810	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.622	79	19793	4.266	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.085	63	81227	44.492	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35362	4.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	56745	4.486	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	3068	0.175	ug/L	99
3) Chloromethane	1.243	50	3363	0.192	ug/L	99
5) Vinyl chloride	1.311	62	3280	0.171	ug/L #	68
6) Bromomethane	1.523	94	1944	0.169	ug/L	83
8) Chloroethane	1.587	64	1985	0.168	ug/L	94
9) Trichlorofluoromethane	1.754	101	4248	0.169	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	3034	0.207	ug/L #	85
12) 1,1-Dichloroethene	2.118	96	2778	0.199	ug/L #	1
13) Acetone	2.195	43	3022	1.970	ug/L	74
14) Carbon disulfide	2.294	76	6476	0.165	ug/L #	89
15) Methyl Acetate	2.452	43	862m	0.215	ug/L	
16) Methylene chloride	2.510	84	4317	0.313	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	4792	0.174	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	2517	0.184	ug/L	93
19) 1,1-Dichloroethane	3.198	63	4607	0.184	ug/L	96
21) 2-Butanone	4.015	43	4728m	1.994	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	2640	0.183	ug/L	95
23) Bromochloromethane	4.259	128	859	0.154	ug/L	89
25) Chloroform	4.375	83	7407	0.283	ug/L	93

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27) 1,2-Dichloroethane	5.143	62	2426	0.174	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	3744	0.170	ug/L	97
30) Cyclohexane	4.680	56	4043	0.181	ug/L	97
31) Carbon tetrachloride	4.831	117	3205	0.173	ug/L	95
33) Benzene	5.105	78	10792	0.194	ug/L	100
34) Trichloroethene	5.921	95	2709	0.184	ug/L	95
35) Methylcyclohexane	6.130	83	4327	0.182	ug/L	95
37) 1,2-Dichloropropane	6.179	63	2541	0.194	ug/L #	86
38) Bromodichloromethane	6.516	83	2890	0.175	ug/L	91
39) cis-1,3-Dichloropropene	7.040	75	3170	0.174	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	9547	1.529	ug/L #	86
42) Toluene	7.391	91	12533	0.212	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	3279m	0.225	ug/L	
45) 1,1,2-Trichloroethane	7.844	97	1477	0.173	ug/L	94
47) Tetrachloroethene	7.976	164	1665	0.166	ug/L	95
48) 2-Hexanone	8.143	43	17717	4.037	ug/L	95
49) Dibromochloromethane	8.246	129	1631	0.172	ug/L	89
50) 1,2-Dibromoethane	8.365	107	1185	0.152	ug/L #	99
51) Chlorobenzene	8.883	112	6327	0.171	ug/L	92
52) Ethylbenzene	9.018	91	10726	0.166	ug/L	97
53) m,p-xylene	9.143	106	4045	0.166	ug/L	95
54) o-xylene	9.545	106	3778	0.158	ug/L	100
55) Styrene	9.567	104	5244	0.135	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.239	83	1524	0.169	ug/L #	95
59) Bromoform	9.731	173	428	0.116	ug/L #	56
60) Isopropylbenzene	9.934	105	10087	0.167	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	1169	0.176	ug/L	94
62) 1,3,5-Trimethylbenzene	10.539	105	8177	0.162	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	8390	0.168	ug/L	94
64) 1,3-Dichlorobenzene	11.182	146	4523	0.177	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	4407	0.173	ug/L	84
67) 1,2-Dichlorobenzene	11.638	146	4092	0.182	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.426	75	99	0.087	ug/L #	7
69) 1,3,5-Trichlorobenzene	12.648	180	3032	0.168	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	2265	0.159	ug/L	93
71) Naphthalene	13.506	128	3612	0.149	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.744	180	1961	0.164	ug/L	94

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

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