

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081622\
 Data File : VW027403.D
 Acq On : 16 Aug 2022 10:41
 Operator : SY/MD
 Sample : N4015-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Quant Time: Aug 17 00:31:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022
 Supervised By :Semsettin Yesilyurt 08/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	133040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	42178	3.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.565	69	35471	4.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.102	63	68128	3.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.892	46	84056	42.940	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.880%
24) Chloroform-d	4.339	84	100849	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.027	65	50639	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.044	84	173388	3.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.063	67	64836	4.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.314	98	140465	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.622	79	19318	4.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.088	63	78126	43.370	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43914	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53078	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3037	0.192	ug/L	99
3) Chloromethane	1.237	50	3835	0.242	ug/L	96
5) Vinyl chloride	1.307	62	2980	0.202	ug/L #	28
6) Bromomethane	1.516	94	1501	0.218	ug/L	93
8) Chloroethane	1.581	64	2451m	0.299	ug/L	
9) Trichlorofluoromethane	1.748	101	4005	0.203	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2775	0.300	ug/L	86
12) 1,1-Dichloroethene	2.111	96	3212	0.335	ug/L #	1
14) Carbon disulfide	2.288	76	8014	0.209	ug/L	97
16) Methylene chloride	2.500	84	7381	0.480	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	4333	0.194	ug/L #	19
18) trans-1,2-Dichloroethene	2.754	96	2576	0.219	ug/L	95
19) 1,1-Dichloroethane	3.185	63	5174	0.229	ug/L	91
21) 2-Butanone	4.005	43	4692m	2.382	ug/L	
22) cis-1,2-Dichloroethene	3.909	96	2496	0.215	ug/L	94
23) Bromochloromethane	4.246	128	1005m	0.186	ug/L	
25) Chloroform	4.365	83	10415	0.449	ug/L	97
27) 1,2-Dichloroethane	5.140	62	2715m	0.205	ug/L	
29) 1,1,1-Trichloroethane	4.603	97	4517	0.218	ug/L #	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.671	56	3148	0.187	ug/L	98
31) Carbon tetrachloride	4.822	117	3789	0.210	ug/L	93
33) Benzene	5.101	78	11051	0.219	ug/L	100
34) Trichloroethene	5.918	95	2683	0.214	ug/L	92
35) Methylcyclohexane	6.124	83	3538	0.205	ug/L	92
37) 1,2-Dichloropropane	6.182	63	2715m	0.218	ug/L	
38) Bromodichloromethane	6.510	83	3749	0.234	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	3116	0.205	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	8585	1.336	ug/L #	89
42) Toluene	7.391	91	10536	0.210	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	2519	0.189	ug/L #	74
45) 1,1,2-Trichloroethane	7.847	97	1553	0.175	ug/L	89
47) Tetrachloroethene	7.976	164	2156	0.219	ug/L	88
49) Dibromochloromethane	8.246	129	2033	0.196	ug/L	90
50) 1,2-Dibromoethane	8.359	107	1565	0.198	ug/L #	81
51) Chlorobenzene	8.879	112	6876	0.210	ug/L	93
52) Ethylbenzene	9.014	91	8885	0.176	ug/L	96
53) m,p-Xylene	9.137	106	3625	0.188	ug/L	82
54) o-Xylene	9.545	106	3560	0.189	ug/L	94
55) Styrene	9.567	104	4938	0.152	ug/L	84
57) 1,1,2,2-Tetrachloroethane	10.239	83	2167	0.219	ug/L #	93
59) Bromoform	9.728	173	919	0.221	ug/L #	93
60) Isopropylbenzene	9.931	105	7893	0.203	ug/L	95
61) 1,2,3-Trichloropropane	10.272	75	1423	0.240	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.538	105	2861	0.267	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	6766	0.220	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	4042	0.208	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.426	75	261m	0.210	ug/L	
69) 1,3,5-Trichlorobenzene	12.648	180	2888	0.206	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	2360	0.226	ug/L #	83
71) Naphthalene	13.509	128	3366	0.208	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	1738	0.178	ug/L	88

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

