

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030437.D
 Acq On : 07 Apr 2023 12:54
 Operator : SY/MD
 Sample : 02215-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: Apr 10 04:22:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	117365	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35555	4.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.535	69	37032	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.066	63	65029	3.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.812	46	93445	46.510	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.020%
24) Chloroform-d	4.262	84	94312	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.953	65	48284	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	4.973	84	170356	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.998	67	52855	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.252	98	147860	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.564	79	17089	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.034	63	72054	46.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.320%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37757	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	59233	5.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	2802	0.188	ug/L	97
3) Chloromethane	1.217	50	8561	0.455	ug/L	94
5) Vinyl chloride	1.285	62	2780	0.203	ug/L #	75
6) Bromomethane	1.494	94	1189	0.304	ug/L	84
8) Chloroethane	1.555	64	1988	0.253	ug/L	90
9) Trichlorofluoromethane	1.719	101	4332	0.217	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	2898	0.262	ug/L #	84
12) 1,1-Dichloroethene	2.072	96	2445	0.249	ug/L #	1
13) Acetone	2.140	43	9678	5.037	ug/L	81
14) Carbon disulfide	2.249	76	5833	0.181	ug/L	99
15) Methyl Acetate	2.394	43	681m	0.198	ug/L	
17) Methyl tert-butyl Ether	2.715	73	3641	0.175	ug/L #	84
18) trans-1,2-Dichloroethene	2.703	96	2015	0.195	ug/L	90
19) 1,1-Dichloroethane	3.124	63	4006	0.200	ug/L	98
21) 2-Butanone	3.915	43	5927m	2.451	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	2275	0.219	ug/L #	100
23) Bromochloromethane	4.166	128	1034	0.214	ug/L #	87
27) 1,2-Dichloroethane	5.063	62	2744	0.224	ug/L #	78
29) 1,1,1-Trichloroethane	4.526	97	4118	0.221	ug/L #	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030437.D
 Acq On : 07 Apr 2023 12:54
 Operator : SY/MD
 Sample : 02215-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: Apr 10 04:22:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.600	56	3195	0.189	ug/L	87
31) Carbon tetrachloride	4.747	117	3550	0.210	ug/L	96
33) Benzene	5.024	78	8469	0.206	ug/L	100
34) Trichloroethene	5.850	95	1967	0.177	ug/L	86
35) Methylcyclohexane	6.056	83	3493	0.201	ug/L	96
37) 1,2-Dichloropropane	6.108	63	2413	0.229	ug/L #	88
38) Bromodichloromethane	6.445	83	2722	0.197	ug/L #	92
39) cis-1,3-Dichloropropene	6.976	75	3127	0.211	ug/L	89
40) 4-Methyl-2-pentanone	7.175	43	7865	1.415	ug/L #	82
42) Toluene	7.329	91	8388	0.192	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	2738	0.217	ug/L	93
45) 1,1,2-Trichloroethane	7.789	97	1542	0.208	ug/L	88
47) Tetrachloroethene	7.915	164	2136	0.218	ug/L	85
48) 2-Hexanone	8.091	43	11419m	2.743	ug/L	
49) Dibromochloromethane	8.185	129	1559	0.176	ug/L	82
50) 1,2-Dibromoethane	8.294	107	1339	0.198	ug/L #	100
51) Chlorobenzene	8.825	112	5698	0.203	ug/L	97
52) Ethylbenzene	8.956	91	8471	0.177	ug/L	95
53) m,p-Xylene	9.085	106	3231	0.176	ug/L	95
54) o-Xylene	9.487	106	2997	0.171	ug/L	89
55) Styrene	9.509	104	4746	0.159	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.188	83	1980	0.225	ug/L #	92
59) Bromoform	9.677	173	987	0.209	ug/L #	94
60) Isopropylbenzene	9.876	105	7837	0.182	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	1106	0.211	ug/L #	70
62) 1,3,5-Trimethylbenzene	10.487	105	6834	0.194	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	6529	0.182	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	4484	0.208	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	4337	0.200	ug/L	92
67) 1,2-Dichlorobenzene	11.590	146	3710	0.191	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.387	75	292m	0.224	ug/L	
69) 1,3,5-Trichlorobenzene	12.593	180	3444	0.208	ug/L	96
70) 1,2,4-trichlorobenzene	13.210	180	2652	0.207	ug/L	95
71) Naphthalene	13.455	128	4208	0.230	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.689	180	2008	0.181	ug/L #	93

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

