

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100623\
 Data File : VW032293.D
 Acq On : 06 Oct 2023 11:52
 Operator : SY/MD
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Oct 09 01:36:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	99818	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	96279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27375	3.372	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.532	69	26939	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.060	65	11761	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.802	46	81771	39.818	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.640%
24) Chloroform-d	4.249	84	57851	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	4.947	65	29187	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	4.963	84	110306	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	5.992	67	36942	3.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.800%
41) Toluene-d8	7.246	98	100034	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.558	79	13067	3.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.031	63	61230	39.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28198	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	38792	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	2795	0.251	ug/L	92
3) Chloromethane	1.217	50	3032	0.270	ug/L	97
5) Vinyl chloride	1.282	62	2596	0.243	ug/L #	79
6) Bromomethane	1.487	94	1593	0.247	ug/L	91
8) Chloroethane	1.548	64	1606	0.249	ug/L	99
9) Trichlorofluoromethane	1.716	101	3017	0.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2112	0.272	ug/L	96
12) 1,1-Dichloroethene	2.069	96	2036	0.278	ug/L #	1
13) Acetone	2.130	43	4323	2.731	ug/L	90
14) Carbon disulfide	2.240	76	5128	0.200	ug/L	95
15) Methyl Acetate	2.388	43	774	0.217	ug/L #	64
16) Methylene chloride	2.449	84	2943	0.308	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	3973	0.199	ug/L #	91
18) trans-1,2-Dichloroethene	2.700	96	1743	0.208	ug/L	99
19) 1,1-Dichloroethane	3.111	63	3365	0.213	ug/L	92
22) cis-1,2-Dichloroethene	3.822	96	1940	0.215	ug/L	94
23) Bromochloromethane	4.156	128	781	0.206	ug/L	97
27) 1,2-Dichloroethane	5.056	62	2216m	0.242	ug/L	
29) 1,1,1-Trichloroethane	4.513	97	2700	0.206	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.590	56	2977m	0.207	ug/L	
31) Carbon tetrachloride	4.738	117	2246	0.203	ug/L	99
33) Benzene	5.018	78	7007	0.207	ug/L	100
34) Trichloroethene	5.841	95	2422	0.262	ug/L	90
35) Methylcyclohexane	6.053	83	4018	0.281	ug/L #	75
37) 1,2-Dichloropropane	6.108	63	2119	0.234	ug/L #	87
38) Bromodichloromethane	6.442	83	2329	0.216	ug/L #	91
39) cis-1,3-Dichloropropene	6.973	75	2803	0.217	ug/L	94
40) 4-Methyl-2-pentanone	7.172	43	11109	1.936	ug/L #	85
42) Toluene	7.326	91	7664	0.212	ug/L	87
44) trans-1,3-Dichloropropene	7.600	75	1978m	0.187	ug/L	
45) 1,1,2-Trichloroethane	7.783	97	1373	0.215	ug/L	94
47) Tetrachloroethene	7.912	164	1612	0.230	ug/L	95
48) 2-Hexanone	8.088	43	15211	3.758	ug/L	95
49) Dibromochloromethane	8.182	129	1318	0.198	ug/L #	71
50) 1,2-Dibromoethane	8.291	107	1315	0.217	ug/L #	88
51) Chlorobenzene	8.818	112	5149	0.221	ug/L	92
52) Ethylbenzene	8.957	91	8100	0.201	ug/L	99
53) m,p-Xylene	9.079	106	2670	0.179	ug/L	89
54) o-Xylene	9.484	106	2645	0.184	ug/L	91
55) Styrene	9.506	104	4228	0.174	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.182	83	1792	0.255	ug/L #	93
59) Bromoform	9.674	173	615	0.186	ug/L #	86
60) Isopropylbenzene	9.873	105	7083	0.201	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	1311	0.271	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.484	105	5708	0.199	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	5720	0.200	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	3872	0.230	ug/L	96
65) 1,4-Dichlorobenzene	11.214	146	4168	0.247	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	3687	0.240	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	2804	0.227	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	2667	0.244	ug/L	94
71) Naphthalene	13.448	128	4108	0.221	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	2261	0.240	ug/L	96

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

