

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051524\
 Data File : VW035609.D
 Acq On : 14 May 2024 14:57
 Operator : SY/MD
 Sample : P2409-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2024-03

Quant Time: May 15 04:05:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	224085	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62323	4.385	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	60869	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.056	65	27990	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.841	46	142321	42.965	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.920%
24) Chloroform-d	4.246	84	141086	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.941	65	70702	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.957	84	253215	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	5.985	67	85428	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.243	98	202415	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.558	79	28185	4.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.027	63	115358	43.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.120%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	61609	4.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	82407	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	3905	0.217	ug/L	94
5) Vinyl chloride	1.281	62	4556	0.224	ug/L #	72
6) Bromomethane	1.487	94	3367	0.245	ug/L	92
8) Chloroethane	1.545	64	3005	0.228	ug/L	98
9) Trichlorofluoromethane	1.712	101	5758	0.219	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4366	0.264	ug/L	90
12) 1,1-Dichloroethene	2.066	96	4115	0.261	ug/L #	1
14) Carbon disulfide	2.236	76	9762	0.222	ug/L	99
15) Methyl Acetate	2.410	43	1130m	0.187	ug/L	
16) Methylene chloride	2.445	84	21516	0.968	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	7038	0.193	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	3484	0.213	ug/L	96
19) 1,1-Dichloroethane	3.111	63	6997	0.214	ug/L	97
21) 2-Butanone	3.934	43	8033m	2.270	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	3349	0.194	ug/L	94
23) Bromochloromethane	4.162	128	1667	0.199	ug/L #	87
25) Chloroform	4.272	83	9314	0.273	ug/L	92
27) 1,2-Dichloroethane	5.063	62	3938	0.208	ug/L	96
29) 1,1,1-Trichloroethane	4.506	97	5849	0.206	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.574	56	3924	0.191	ug/L	92
31) Carbon tetrachloride	4.728	117	4944	0.200	ug/L	99
33) Benzene	5.014	78	14235m	0.221	ug/L	
34) Trichloroethene	5.847	95	3817	0.206	ug/L	96
35) Methylcyclohexane	6.043	83	5114m	0.214	ug/L	
37) 1,2-Dichloropropane	6.101	63	3895	0.225	ug/L #	85
38) Bromodichloromethane	6.445	83	4645	0.199	ug/L #	98
39) cis-1,3-Dichloropropene	6.969	75	4733m	0.205	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	15539m	1.891	ug/L	
42) Toluene	7.326	91	13090	0.195	ug/L	91
44) trans-1,3-Dichloropropene	7.603	75	3867	0.199	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	2631	0.194	ug/L	95
47) Tetrachloroethene	7.908	164	2952	0.202	ug/L	81
48) 2-Hexanone	8.091	43	18251	3.021	ug/L #	80
49) Dibromochloromethane	8.178	129	3018	0.202	ug/L	99
50) 1,2-Dibromoethane	8.291	107	2470	0.196	ug/L #	82
51) Chlorobenzene	8.821	112	9884	0.212	ug/L	94
52) Ethylbenzene	8.953	91	12513	0.178	ug/L	88
53) m,p-Xylene	9.082	106	4587	0.172	ug/L	92
54) o-Xylene	9.484	106	4311	0.170	ug/L	92
55) Styrene	9.509	104	6571m	0.149	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.178	83	2991	0.207	ug/L #	95
59) Bromoform	9.673	173	1503	0.203	ug/L #	89
60) Isopropylbenzene	9.870	105	10936	0.187	ug/L #	95
61) 1,2,3-Trichloropropane	10.210	75	2316	0.241	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.480	105	8497	0.185	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	8136	0.179	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	7210	0.229	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	7744	0.239	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	7153	0.238	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	496	0.242	ug/L #	59
69) 1,3,5-Trichlorobenzene	12.586	180	5429	0.228	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	4484	0.238	ug/L	96
71) Naphthalene	13.448	128	6156	0.227	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.680	180	3856	0.221	ug/L	95

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

