

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037246.D
 Acq On : 10 Sep 2024 14:20
 Operator : SY/MD
 Sample : P3391-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Quant Time: Sep 11 05:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	343478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	351015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	168424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80505	3.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.529	69	87120	4.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.053	65	42897	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.841	46	254626	42.281	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	4.243	84	202500	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	4.941	65	97369	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	4.954	84	396688	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.986	67	130519	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.240	98	340699	4.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.558	79	36592	3.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.027	63	189874	40.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.740%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97874	4.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	126859	4.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7100	0.223	ug/L	94
5) Vinyl chloride	1.278	62	7529	0.225	ug/L #	77
6) Bromomethane	1.484	94	5016	0.250	ug/L	97
8) Chloroethane	1.545	64	4554	0.226	ug/L #	82
9) Trichlorofluoromethane	1.709	101	9464	0.227	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6521	0.259	ug/L	88
12) 1,1-Dichloroethene	2.063	96	6214	0.258	ug/L #	1
14) Carbon disulfide	2.233	76	16495	0.217	ug/L	96
15) Methyl Acetate	2.413	43	2611m	0.272	ug/L	
16) Methylene chloride	2.442	84	7947	0.287	ug/L	80
17) Methyl tert-butyl Ether	2.709	73	12681	0.222	ug/L #	95
18) trans-1,2-Dichloroethene	2.696	96	5510	0.218	ug/L #	89
19) 1,1-Dichloroethane	3.111	63	10007	0.207	ug/L	97
21) 2-Butanone	3.950	43	18250m	2.864	ug/L	
22) cis-1,2-Dichloroethene	3.819	96	5647	0.206	ug/L	95
23) Bromochloromethane	4.172	128	2776m	0.234	ug/L	
25) Chloroform	4.275	83	13134	0.270	ug/L	97
27) 1,2-Dichloroethane	5.063	62	5766m	0.209	ug/L	
29) 1,1,1-Trichloroethane	4.500	97	8638m	0.208	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.577	56	8223	0.204	ug/L	94
31) Carbon tetrachloride	4.735	117	6809	0.192	ug/L	96
33) Benzene	5.015	78	22468	0.212	ug/L	100
34) Trichloroethene	5.847	95	6112m	0.214	ug/L	
35) Methylcyclohexane	6.040	83	10879m	0.251	ug/L	
37) 1,2-Dichloropropane	6.101	63	6724m	0.250	ug/L	
38) Bromodichloromethane	6.442	83	6710m	0.199	ug/L	
39) cis-1,3-Dichloropropene	6.973	75	8390m	0.215	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	30882m	2.005	ug/L	
42) Toluene	7.323	91	22542	0.205	ug/L	90
44) trans-1,3-Dichloropropene	7.606	75	6760m	0.215	ug/L	
45) 1,1,2-Trichloroethane	7.783	97	3627	0.188	ug/L	90
47) Tetrachloroethene	7.908	164	4754	0.233	ug/L	95
48) 2-Hexanone	8.092	43	36515m	3.243	ug/L	
49) Dibromochloromethane	8.172	129	3736	0.185	ug/L	81
50) 1,2-Dibromoethane	8.288	107	3638	0.200	ug/L #	98
51) Chlorobenzene	8.815	112	15236	0.208	ug/L	94
52) Ethylbenzene	8.953	91	22631	0.184	ug/L	99
53) m,p-Xylene	9.082	106	9258	0.205	ug/L	96
54) o-Xylene	9.481	106	8349	0.187	ug/L	88
55) Styrene	9.510	104	14391m	0.190	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	5085	0.219	ug/L #	85
59) Bromoform	9.670	173	1958	0.199	ug/L #	90
60) Isopropylbenzene	9.870	105	23197	0.206	ug/L	96
61) 1,2,3-Trichloropropane	10.214	75	3192	0.208	ug/L #	83
62) 1,3,5-Trimethylbenzene	10.477	105	18556	0.208	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	17031	0.190	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	12025	0.226	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	12611	0.231	ug/L	93
67) 1,2-Dichlorobenzene	11.577	146	12644	0.256	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.384	75	594m	0.187	ug/L	
69) 1,3,5-Trichlorobenzene	12.587	180	8987	0.236	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	7800	0.249	ug/L	99
71) Naphthalene	13.448	128	14087	0.295	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.686	180	6865	0.265	ug/L	97

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

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