

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038239.D
 Acq On : 21 Nov 2024 14:22
 Operator : SY/MD
 Sample : P4776-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2024-07

Quant Time: Nov 22 03:05:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	243236	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	257008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	116458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58378	3.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.526	69	58494	3.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.053	65	26577	3.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.786	46	173210	46.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.880%
24) Chloroform-d	4.243	84	146807	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.937	65	69389	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	4.953	84	226582	3.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.200%#
36) 1,2-Dichloropropane-d6	5.982	67	83440	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.240	98	173489	2.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.400%#
43) trans-1,3-Dichloroprop...	7.558	79	26397	3.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.018	63	127137	43.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80822	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	85305	4.299	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	5729	0.249	ug/L	99
3) Chloromethane	1.214	50	5607	0.283	ug/L	96
5) Vinyl chloride	1.278	62	5933	0.264	ug/L #	71
6) Bromomethane	1.484	94	3409	0.389	ug/L	87
8) Chloroethane	1.542	64	4283	0.299	ug/L	99
9) Trichlorofluoromethane	1.709	101	8149	0.255	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5392	0.296	ug/L	85
12) 1,1-Dichloroethene	2.063	96	4957	0.285	ug/L #	1
14) Carbon disulfide	2.233	76	13362	0.239	ug/L	98
15) Methyl Acetate	2.394	43	1573	0.235	ug/L #	63
16) Methylene chloride	2.442	84	5524	0.279	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	8775	0.223	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	4351	0.238	ug/L	91
19) 1,1-Dichloroethane	3.111	63	8249	0.248	ug/L	93
21) 2-Butanone	3.928	43	9853m	2.489	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	4942	0.261	ug/L	93
23) Bromochloromethane	4.146	128	2346m	0.254	ug/L	
25) Chloroform	4.278	83	10153m	0.286	ug/L	
27) 1,2-Dichloroethane	5.066	62	5952m	0.308	ug/L	

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29) 1,1,1-Trichloroethane	4.507	97	7983	0.259	ug/L	96
30) Cyclohexane	4.571	56	5677	0.222	ug/L	97
31) Carbon tetrachloride	4.728	117	5922	0.218	ug/L	97
33) Benzene	5.011	78	18653	0.258	ug/L	100
34) Trichloroethene	5.841	95	7351	0.374	ug/L	95
35) Methylcyclohexane	6.040	83	7204m	0.259	ug/L	
37) 1,2-Dichloropropane	6.101	63	5105m	0.282	ug/L	
38) Bromodichloromethane	6.445	83	5278	0.217	ug/L #	91
39) cis-1,3-Dichloropropene	6.976	75	5965m	0.236	ug/L	
40) 4-Methyl-2-pentanone	7.166	43	16605	1.754	ug/L #	81
42) Toluene	7.323	91	14609	0.191	ug/L	100
44) trans-1,3-Dichloropropene	7.603	75	5910m	0.277	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	3343	0.228	ug/L	93
47) Tetrachloroethene	7.905	164	4305	0.272	ug/L	95
48) 2-Hexanone	8.085	43	23852m	3.475	ug/L	
49) Dibromochloromethane	8.175	129	3894	0.244	ug/L	97
50) 1,2-Dibromoethane	8.284	107	3541	0.260	ug/L #	86
51) Chlorobenzene	8.821	112	12619	0.240	ug/L	95
52) Ethylbenzene	8.953	91	15808	0.195	ug/L	99
53) m,p-Xylene	9.082	106	5122	0.167	ug/L	93
54) o-Xylene	9.481	106	5323	0.179	ug/L	84
55) Styrene	9.513	104	8161m	0.155	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	4411	0.257	ug/L #	85
59) Bromoform	9.674	173	1611	0.238	ug/L #	84
60) Isopropylbenzene	9.863	105	14101	0.210	ug/L	94
61) 1,2,3-Trichloropropane	10.214	75	2707	0.271	ug/L	91
62) 1,3,5-Trimethylbenzene	10.474	105	11255	0.211	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	10354	0.195	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	7739	0.215	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	9473	0.260	ug/L	95
67) 1,2-Dichlorobenzene	11.577	146	8642	0.259	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.368	75	443	0.198	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.583	180	5472	0.214	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	4246	0.201	ug/L	96
71) Naphthalene	13.458	128	4465	0.136	ug/L #	83
72) 1,2,3-Trichlorobenzene	13.683	180	3698	0.190	ug/L	98

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

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