

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038340.D
 Acq On : 25 Nov 2024 13:39
 Operator : SY/MD
 Sample : P4776-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2024-08

Quant Time: Nov 26 01:27:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/26/2024
 Supervised By :Semsettin Yesilyurt 11/26/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	200798	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	221980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	91090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63678	4.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.529	69	62842	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.053	65	29423	4.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.789	46	150777	48.971	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.940%
24) Chloroform-d	4.240	84	156234	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	4.937	65	72126	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	4.953	84	258916	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	5.982	67	88602	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.236	98	203056	3.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.558	79	26551	4.045	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.021	63	97189	38.093	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.180%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	73128	4.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	80484	5.186	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	5388	0.284	ug/L	99
3) Chloromethane	1.214	50	5523	0.338	ug/L	92
5) Vinyl chloride	1.282	62	5772	0.311	ug/L #	78
6) Bromomethane	1.481	94	3533	0.489	ug/L	95
8) Chloroethane	1.545	64	3705	0.314	ug/L	83
9) Trichlorofluoromethane	1.709	101	7093	0.269	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4989	0.331	ug/L	96
12) 1,1-Dichloroethene	2.063	96	4902	0.342	ug/L #	1
14) Carbon disulfide	2.236	76	11864	0.257	ug/L	99
15) Methyl Acetate	2.391	43	1267m	0.229	ug/L	
16) Methylene chloride	2.445	84	5269	0.322	ug/L	93
17) Methyl tert-butyl Ether	2.703	73	8554	0.264	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	4063	0.269	ug/L	87
19) 1,1-Dichloroethane	3.108	63	8582	0.313	ug/L	95
21) 2-Butanone	3.944	43	6821m	2.087	ug/L	
22) cis-1,2-Dichloroethene	3.809	96	4155	0.266	ug/L	96
23) Bromochloromethane	4.159	128	2039	0.267	ug/L	89
25) Chloroform	4.278	83	9705m	0.331	ug/L	
27) 1,2-Dichloroethane	5.060	62	4912m	0.308	ug/L	

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29) 1,1,1-Trichloroethane	4.497	97	6885m	0.259	ug/L	
30) Cyclohexane	4.568	56	4533	0.205	ug/L	92
31) Carbon tetrachloride	4.728	117	6234	0.265	ug/L	91
33) Benzene	5.015	78	15933m	0.256	ug/L	
34) Trichloroethene	5.838	95	4530m	0.267	ug/L	
35) Methylcyclohexane	6.040	83	5331	0.222	ug/L	96
37) 1,2-Dichloropropane	6.098	63	4838	0.310	ug/L #	90
38) Bromodichloromethane	6.439	83	5768	0.275	ug/L	86
39) cis-1,3-Dichloropropene	6.976	75	4544m	0.208	ug/L	
40) 4-Methyl-2-pentanone	7.169	43	16432	2.010	ug/L #	70
42) Toluene	7.320	91	13961	0.211	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	5738m	0.312	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	3631	0.287	ug/L	85
47) Tetrachloroethene	7.908	164	3921	0.287	ug/L	95
48) 2-Hexanone	8.088	43	23073	3.892	ug/L #	69
49) Dibromochloromethane	8.178	129	3645	0.264	ug/L	90
50) 1,2-Dibromoethane	8.288	107	3000	0.255	ug/L #	94
51) Chlorobenzene	8.821	112	10862	0.239	ug/L	93
52) Ethylbenzene	8.953	91	14355	0.205	ug/L	94
53) m,p-Xylene	9.082	106	4582	0.173	ug/L	97
54) o-Xylene	9.477	106	4621	0.180	ug/L	80
55) Styrene	9.509	104	6385	0.141	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.175	83	4023	0.272	ug/L #	85
59) Bromoform	9.664	173	1711	0.323	ug/L #	63
60) Isopropylbenzene	9.863	105	13129	0.250	ug/L	97
61) 1,2,3-Trichloropropane	10.210	75	2507	0.321	ug/L #	71
62) 1,3,5-Trimethylbenzene	10.474	105	9564	0.230	ug/L	95
63) 1,2,4-Trimethylbenzene	10.857	105	9564	0.230	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	7507	0.266	ug/L	92
65) 1,4-Dichlorobenzene	11.204	146	7694	0.270	ug/L	94
67) 1,2-Dichlorobenzene	11.574	146	7268	0.279	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.371	75	505	0.288	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.583	180	4802	0.241	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	3485	0.211	ug/L #	89
71) Naphthalene	13.458	128	3319m	0.129	ug/L	
72) 1,2,3-Trichlorobenzene	13.686	180	2963	0.194	ug/L	99

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

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