

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038034.D
 Acq On : 13 Nov 2024 08:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Nov 13 23:10:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/14/2024
 Supervised By :Mahesh Dadoda 11/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	245675	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	247650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	124257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	102580	4.797	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	96.000%		
7) Chloroethane-d5	1.529	69	90199	5.175	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	103.400%		
11) 1,1-Dichloroethene-d2	2.053	65	41484	4.427	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	88.600%		
20) 2-Butanone-d5	3.828	46	252964	51.478	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	102.960%		
24) Chloroform-d	4.236	84	213122	5.287	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	105.800%		
26) 1,2-Dichloroethane-d4	4.934	65	104260	5.446	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	109.000%		
32) Benzene-d6	4.950	84	386229	5.048	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.000%		
36) 1,2-Dichloropropane-d6	5.979	67	121122	5.053	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.000%		
41) Toluene-d8	7.233	98	338449	4.836	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.800%		
43) trans-1,3-Dichloroprop...	7.548	79	45998	4.733	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	94.600%		
46) 2-Hexanone-d5	8.021	63	223892	51.542	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	103.080%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	103545	5.222	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	104.400%		
66) 1,2-Dichlorobenzene-d4	11.551	152	122271	4.733	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	94.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	109167	4.075	ug/L	99
3) Chloromethane	1.214	50	140542	5.655	ug/L	98
5) Vinyl chloride	1.278	62	131309	5.264	ug/L	100
6) Bromomethane	1.484	94	87033	5.480	ug/L	99
8) Chloroethane	1.545	64	82981	5.491	ug/L	100
9) Trichlorofluoromethane	1.709	101	156774	4.547	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	81098	4.075	ug/L	99
12) 1,1-Dichloroethene	2.063	96	93403	5.001	ug/L	96
13) Acetone	2.153	43	169210m	48.307	ug/L	
14) Carbon disulfide	2.233	76	295573	4.828	ug/L	100
15) Methyl Acetate	2.388	43	42538	5.561	ug/L	96
16) Methylene chloride	2.439	84	119662	5.410	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	244782	5.379	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	105653	5.228	ug/L	97
19) 1,1-Dichloroethane	3.101	63	197953	5.452	ug/L	99
21) 2-Butanone	3.902	43	220241	46.559	ug/L	92
22) cis-1,2-Dichloroethene	3.806	96	112122	5.279	ug/L	99
23) Bromochloromethane	4.140	128	56001	5.741	ug/L	96
25) Chloroform	4.262	83	210169	5.482	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	121725	5.646	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	168027	5.026	ug/L	98
30) Cyclohexane	4.571	56	107601	3.635	ug/L	96
31) Carbon tetrachloride	4.722	117	135231	4.645	ug/L	99
33) Benzene	4.998	78	421343	5.350	ug/L	100
34) Trichloroethene	5.825	95	102732	4.771	ug/L	97
35) Methylcyclohexane	6.040	83	111067	3.416	ug/L	98
37) 1,2-Dichloropropane	6.082	63	109295	5.609	ug/L	100
38) Bromodichloromethane	6.423	83	143389	5.539	ug/L	94
39) cis-1,3-Dichloropropene	6.947	75	146697	5.050	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	601196	54.881	ug/L	99
42) Toluene	7.307	91	422135	5.130	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	126988	5.150	ug/L	92
45) 1,1,2-Trichloroethane	7.760	97	84269	5.392	ug/L	98
47) Tetrachloroethene	7.895	164	72089	4.267	ug/L	97
48) 2-Hexanone	8.069	43	437861	55.558	ug/L	99
49) Dibromochloromethane	8.166	129	97823	5.806	ug/L	98
50) 1,2-Dibromoethane	8.275	107	81032	5.461	ug/L	94
51) Chlorobenzene	8.805	112	272722	4.864	ug/L	99
52) Ethylbenzene	8.937	91	395850	4.429	ug/L	99
53) m,p-Xylene	9.066	106	152185	4.516	ug/L	99
54) o-Xylene	9.471	106	154969	4.752	ug/L	97
55) Styrene	9.487	104	284053	5.000	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	100781	5.402	ug/L	99
59) Bromoform	9.657	173	51130	6.259	ug/L	99
60) Isopropylbenzene	9.857	105	371680	4.484	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	70560	5.813	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	292082	4.400	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	305802	4.598	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	209658	4.904	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	213777	4.860	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	202176	5.057	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	15562	5.655	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	140073	4.454	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	122949	4.403	ug/L	98
71) Naphthalene	13.432	128	197790	3.892	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	115867	4.397	ug/L	99

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

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