

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043858.D
 Acq On : 14 Nov 2024 17:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV641

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 03:27:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 03:21:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	227148	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204361	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102502	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71882	50.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.920%			
7) Chloroethane-d5	1.642	69	48538	51.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.140%			
11) 1,1-Dichloroethene-d2	2.294	65	36011	56.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.180%			
21) 2-Butanone-d5	4.459	46	84136	112.176	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.180%			
24) Chloroform-d	5.050	84	159897	53.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.560%			
26) 1,2-Dichloroethane-d4	5.952	65	101339	52.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.760%			
32) Benzene-d6	5.964	84	301316	52.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.000%			
36) 1,2-Dichloropropane-d6	7.306	67	86420	53.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.740%			
41) Toluene-d8	8.647	98	287990	53.568	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.140%			
43) trans-1,3-Dichloroprop...	8.946	79	45100	55.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.520%			
47) 2-Hexanone-d5	9.384	63	66685	111.795	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.790%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	122013	54.760	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.520%			
66) 1,2-Dichlorobenzene-d4	12.317	152	112046	52.398	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88045	52.068	ug/L	98
3) Chloromethane	1.294	50	70787	51.892	ug/L	99
5) Vinyl chloride	1.374	62	74124	50.664	ug/L	100
6) Bromomethane	1.593	94	49470	51.145	ug/L	93
8) Chloroethane	1.660	64	39401	49.516	ug/L	97
9) Trichlorofluoromethane	1.868	101	136267	51.603	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	78289	52.561	ug/L	99
12) 1,1-Dichloroethene	2.306	96	71508m	52.237	ug/L	
13) Acetone	2.386	43	78739	87.492	ug/L	100
14) Carbon disulfide	2.502	76	156451	54.183	ug/L	100
15) Methyl Acetate	2.703	43	66150	53.356	ug/L	99
16) Methylene chloride	2.782	84	77688	51.956	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	73849	53.519	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	255861	53.194	ug/L	99
19) 1,1-Dichloroethane	3.605	63	127603	52.447	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	87212	52.668	ug/L	97
22) 2-Butanone	4.562	43	91719	93.837	ug/L	99
23) Bromochloromethane	4.891	128	46883	52.685	ug/L	95
25) Chloroform	5.086	83	147858	52.451	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	116059	52.510	ug/L	98
29) Cyclohexane	5.464	56	110705	52.131	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	134096	52.653	ug/L	99
31) Carbon tetrachloride	5.672	117	115475	52.545	ug/L	100
33) Benzene	6.031	78	296424	53.168	ug/L	100
34) Trichloroethene	7.123	95	86768	46.885	ug/L	96
35) Methylcyclohexane	7.373	83	122721	51.884	ug/L	99
37) 1,2-Dichloropropane	7.428	63	71240	52.371	ug/L	100
38) Bromodichloromethane	7.818	83	100588	53.308	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	127238	55.255	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	173691	108.342	ug/L	99
42) Toluene	8.714	91	316269	51.982	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	116735	54.654	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	81773	52.169	ug/L	98
46) Tetrachloroethene	9.269	164	68257	51.274	ug/L	97
48) 2-Hexanone	9.427	43	135446	102.651	ug/L	98
49) Dibromochloromethane	9.519	129	85486	55.453	ug/L	100
50) 1,2-Dibromoethane	9.610	107	88971	52.794	ug/L	100
51) Chlorobenzene	10.079	112	218538	52.575	ug/L	98
52) Ethylbenzene	10.189	91	355734	53.446	ug/L	98
53) m,p-Xylene	10.299	106	143531	53.642	ug/L	95
54) o-Xylene	10.640	106	141149	52.984	ug/L	98
55) Styrene	10.653	104	238605	55.029	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	119158	52.708	ug/L	98
59) Bromoform	10.799	173	57406	54.081	ug/L	99
60) Isopropylbenzene	10.963	105	367087	53.241	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	91154	52.134	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	316515	54.514	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	311813	53.946	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	170826	52.152	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	172249	52.652	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	174256	52.173	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	23210	54.928	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	116805	53.209	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	105742	53.832	ug/L	99
71) Naphthalene	13.774	128	370772	54.159	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	110201	54.643	ug/L	99

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

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