

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110524\
 Data File : VX043701.D
 Acq On : 05 Nov 2024 08:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050779

Quant Time: Nov 06 01:33:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:44:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/06/2024
 Supervised By :Semsettin Yesilyurt 11/06/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	264075	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	228254	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	107467	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64531	45.870	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.740%		
7) Chloroethane-d5	1.648	69	28530	47.180	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.360%		
11) 1,1-Dichloroethene-d2	2.294	65	28826	44.386	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.780%		
21) 2-Butanone-d5	4.458	46	89576	97.247	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.250%		
24) Chloroform-d	5.050	84	131846	43.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.940%		
26) 1,2-Dichloroethane-d4	5.952	65	78042	40.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.020%		
32) Benzene-d6	5.964	84	262247	44.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.880%		
36) 1,2-Dichloropropane-d6	7.299	67	79282	44.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.320%		
41) Toluene-d8	8.647	98	237561	44.314	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.620%		
43) trans-1,3-Dichloroprop...	8.952	79	36045	41.980	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.960%		
47) 2-Hexanone-d5	9.384	63	68454	96.342	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.340%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108211	46.975	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.940%		
66) 1,2-Dichlorobenzene-d4	12.317	152	83928	45.074	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90062	48.424	ug/L	99
3) Chloromethane	1.294	50	85015	47.035	ug/L	99
5) Vinyl chloride	1.374	62	85717	48.414	ug/L	98
6) Bromomethane	1.593	94	32499	47.369	ug/L	98
8) Chloroethane	1.660	64	29176m	46.837	ug/L	
9) Trichlorofluoromethane	1.861	101	105199	46.822	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	78745	51.030	ug/L	99
12) 1,1-Dichloroethene	2.306	96	69866	49.597	ug/L	81
13) Acetone	2.386	43	87290	101.890	ug/L	96
14) Carbon disulfide	2.501	76	127334	40.890	ug/L	99
15) Methyl Acetate	2.703	43	86593	47.801	ug/L	95
16) Methylene chloride	2.782	84	77729	45.672	ug/L	95
17) trans-1,2-Dichloroethene	3.081	96	70561	46.560	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	257657	44.723	ug/L	99
19) 1,1-Dichloroethane	3.599	63	135456	45.390	ug/L	97
20) cis-1,2-Dichloroethene	4.477	96	86259	45.826	ug/L	99
22) 2-Butanone	4.562	43	118278	95.429	ug/L	99
23) Bromochloromethane	4.891	128	43817	46.309	ug/L	96
25) Chloroform	5.086	83	145661	45.485	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	107093	43.280	ug/L	100
29) Cyclohexane	5.458	56	128062	48.352	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	123770	44.762	ug/L	100
31) Carbon tetrachloride	5.666	117	104297	45.978	ug/L	100
33) Benzene	6.031	78	304756	46.842	ug/L	100
34) Trichloroethene	7.116	95	80086	45.787	ug/L	99
35) Methylcyclohexane	7.373	83	132893	50.854	ug/L	97
37) 1,2-Dichloropropane	7.421	63	79981	46.150	ug/L	100
38) Bromodichloromethane	7.818	83	95593	43.367	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	129722	45.850	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	226510	96.026	ug/L	97
42) Toluene	8.714	91	321090	46.922	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	112854	43.744	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	82100	46.198	ug/L	98
46) Tetrachloroethene	9.269	164	62902	49.961	ug/L	95
48) 2-Hexanone	9.433	43	174883	99.184	ug/L	97
49) Dibromochloromethane	9.518	129	76407	46.128	ug/L	99
50) 1,2-Dibromoethane	9.604	107	86233	46.995	ug/L	99
51) Chlorobenzene	10.079	112	211827	47.365	ug/L	96
52) Ethylbenzene	10.189	91	351560	47.264	ug/L	100
53) m,p-Xylene	10.299	106	138094	48.094	ug/L	99
54) o-Xylene	10.640	106	136694	47.752	ug/L	97
55) Styrene	10.652	104	230313	48.366	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	130114	48.885	ug/L	99
59) Bromoform	10.799	173	51985	46.246	ug/L	98
60) Isopropylbenzene	10.957	105	354929	47.631	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	100085	47.979	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	298038	47.584	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	292755	46.944	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	156681	47.802	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	156935	47.537	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	164260	49.039	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	24476	46.858	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	103690	47.431	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	96471	48.128	ug/L	99
71) Naphthalene	13.774	128	370548	49.781	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	101445	48.969	ug/L	97

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

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