Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051024\
Data File : VX041452.D
Acq On : 10 May 2024 11:58
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD050740

Quant Time: May 10 23:17:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM050924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 23:16:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	245366	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	208752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120695	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70691	50.798	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.600%			
7) Chloroethane-d5	1.648	69	53681	52.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.160%			
11) 1,1-Dichloroethene-d2	2.294	65	32763	46.778	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.560%			
21) 2-Butanone-d5	4.465	46	136180	131.260	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 131.260%#			
24) Chloroform-d	5.056	84	179334	58.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.560%			
26) 1,2-Dichloroethane-d4	5.952	65	116664	52.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.400%			
32) Benzene-d6	5.964	84	336459	58.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.000%			
36) 1,2-Dichloropropane-d6	7.306	67	101502	59.900	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.800%			
41) Toluene-d8	8.647	98	314820	53.448	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.900%			
43) trans-1,3-Dichloroprop...	8.952	79	48646	57.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 114.600%			
47) 2-Hexanone-d5	9.385	63	102626	129.971	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 129.970%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	152538	57.201	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.400%			
66) 1,2-Dichlorobenzene-d4	12.317	152	139908	56.731	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	89184	52.792	ug/L	100
3) Chloromethane	1.295	50	76670	53.214	ug/L	100
5) Vinyl chloride	1.374	62	82709	55.733	ug/L	99
6) Bromomethane	1.599	94	54193	52.392	ug/L	99
8) Chloroethane	1.666	64	44911	52.853	ug/L	98
9) Trichlorofluoromethane	1.862	101	144749	55.398	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	81074	50.516	ug/L	97
12) 1,1-Dichloroethene	2.307	96	70775	49.646	ug/L	87
13) Acetone	2.392	43	99207	93.137	ug/L	99
14) Carbon disulfide	2.502	76	171230	49.831	ug/L	100
15) Methyl Acetate	2.709	43	102658	57.105	ug/L	99
16) Methylene chloride	2.782	84	90505	57.203	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	82677	56.434	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	283393	56.696	ug/L	99
19) 1,1-Dichloroethane	3.605	63	155529	57.332	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	95120	56.245	ug/L	98
22) 2-Butanone	4.562	43	146519	110.162	ug/L	100
23) Bromochloromethane	4.898	128	51577	57.308	ug/L	98
25) Chloroform	5.087	83	166008	56.671	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	140800	57.683	ug/L	99
29) Cyclohexane	5.458	56	141157	60.813	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	146307	59.545	ug/L	100
31) Carbon tetrachloride	5.666	117	129241	59.250	ug/L	99
33) Benzene	6.032	78	347225	59.446	ug/L	100
34) Trichloroethene	7.117	95	93472	58.422	ug/L	95
35) Methylcyclohexane	7.373	83	151907	61.273	ug/L	99
37) 1,2-Dichloropropane	7.428	63	84810	57.660	ug/L	99
38) Bromodichloromethane	7.818	83	104346	52.485	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	140948	57.865	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	274109	115.799	ug/L	100
42) Toluene	8.714	91	375801	58.959	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	131815	58.031	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	94322	57.992	ug/L	99
46) Tetrachloroethene	9.269	164	89356	58.358	ug/L	98
48) 2-Hexanone	9.433	43	220690	116.373	ug/L	98
49) Dibromochloromethane	9.519	129	98213	59.735	ug/L	100
50) 1,2-Dibromoethane	9.610	107	102356	60.486	ug/L	99
51) Chlorobenzene	10.080	112	239888	56.436	ug/L	98
52) Ethylbenzene	10.189	91	369020	52.766	ug/L	99
53) m,p-Xylene	10.299	106	155578	55.614	ug/L	99
54) o-Xylene	10.640	106	149082	52.297	ug/L	97
55) Styrene	10.653	104	256533	53.885	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	146162	54.160	ug/L	99
59) Bromoform	10.799	173	74414	52.685	ug/L	99
60) Isopropylbenzene	10.964	105	405538	55.070	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	108873	52.769	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	284201	57.122	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	348123	57.751	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	212375	56.688	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	214128	56.149	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	215293	55.495	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	30861	55.587	ug/L	96
69) 1,3,5-Trichlorobenzene	13.110	180	165122	59.052	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	135080	52.902	ug/L	100
71) Naphthalene	13.774	128	405271	53.176	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	140724	52.855	ug/L	99

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

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