Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081522\
Data File : VX030618.D
Acq On : 15 Aug 2022 10:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD050783

Quant Time: Aug 16 02:25:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 13 21:15:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	255701	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233700	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	59098	35.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.980%			
7) Chloroethane-d5	1.672	69	52673	45.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.000%			
11) 1,1-Dichloroethene-d2	2.306	63	151736	48.850	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.700%			
21) 2-Butanone-d5	4.471	46	184853	121.497	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.500%			
24) Chloroform-d	5.062	84	180985	53.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.080%			
26) 1,2-Dichloroethane-d4	5.958	65	124745	54.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.700%			
32) Benzene-d6	5.977	84	303601	45.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.700%			
36) 1,2-Dichloropropane-d6	7.312	67	107062	49.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.580%			
41) Toluene-d8	8.647	98	271431	43.015	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.040%			
43) trans-1,3-Dichloroprop...	8.952	79	52288	48.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.780%			
47) 2-Hexanone-d5	9.384	63	123860	111.881	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.880%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	165138	57.878	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 115.760%			
66) 1,2-Dichlorobenzene-d4	12.323	152	107379	46.000	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	100936	52.459	ug/L	100
3) Chloromethane	1.294	50	83354	50.381	ug/L	97
5) Vinyl chloride	1.374	62	92454	52.317	ug/L	99
6) Bromomethane	1.611	94	37379	45.010	ug/L	97
8) Chloroethane	1.691	64	56695	56.322	ug/L	100
9) Trichlorofluoromethane	1.886	101	146187	55.972	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	94914	61.099	ug/L	95
12) 1,1-Dichloroethene	2.319	96	82055	57.334	ug/L	84
13) Acetone	2.398	43	126165	113.145	ug/L	97
14) Carbon disulfide	2.514	76	217874	46.969	ug/L	99
15) Methyl Acetate	2.709	43	125236	54.261	ug/L	98
16) Methylene chloride	2.788	84	98274	54.153	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	87205	52.595	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	321607	57.037	ug/L	99
19) 1,1-Dichloroethane	3.611	63	188143	58.668	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	101966	54.669	ug/L	99
22) 2-Butanone	4.568	43	190121	108.081	ug/L	98
23) Bromochloromethane	4.904	128	50251	53.724	ug/L	95
25) Chloroform	5.093	83	199079	59.084	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	6.092	62	164201	58.552	ug/L	#	94
29) Cyclohexane	5.471	56	158553	51.033	ug/L		98
30) 1,1,1-Trichloroethane	5.385	97	171237	55.549	ug/L		99
31) Carbon tetrachloride	5.678	117	142079	55.843	ug/L		100
33) Benzene	6.037	78	398407	53.171	ug/L		100
34) Trichloroethene	7.129	95	107987	49.760	ug/L		91
35) Methylcyclohexane	7.379	83	163740	51.829	ug/L		99
37) 1,2-Dichloropropane	7.434	63	109963	55.195	ug/L		99
38) Bromodichloromethane	7.824	83	149062	56.533	ug/L		97
39) cis-1,3-Dichloropropene	8.366	75	164657	55.404	ug/L		99
40) 4-Methyl-2-pentanone	8.574	43	378721	109.161	ug/L		98
42) Toluene	8.720	91	423982	53.564	ug/L		100
44) trans-1,3-Dichloropropene	8.976	75	163350	56.157	ug/L		98
45) 1,1,2-Trichloroethane	9.153	97	102866	55.528	ug/L		98
46) Tetrachloroethene	9.275	164	70007	51.044	ug/L		94
48) 2-Hexanone	9.433	43	298254	110.644	ug/L		98
49) Dibromochloromethane	9.525	129	111836	56.746	ug/L		98
50) 1,2-Dibromoethane	9.610	107	105607	51.839	ug/L	#	97
51) Chlorobenzene	10.079	112	265916	53.923	ug/L		99
52) Ethylbenzene	10.195	91	477381	55.312	ug/L		99
53) m,p-Xylene	10.305	106	176484	54.861	ug/L		98
54) o-Xylene	10.646	106	173647	54.171	ug/L		96
55) Styrene	10.659	104	305604	56.620	ug/L		99
57) 1,1,2,2-Tetrachloroethane	11.213	83	164343	58.304	ug/L		99
59) Bromoform	10.799	173	73640	56.189	ug/L		100
60) Isopropylbenzene	10.963	105	473387	55.492	ug/L		100
61) 1,2,3-Trichloropropane	11.238	75	139029	53.791	ug/L		99
62) 1,3,5-Trimethylbenzene	11.451	105	408383	56.073	ug/L		100
63) 1,2,4-Trimethylbenzene	11.756	105	400720	54.482	ug/L		98
64) 1,3-Dichlorobenzene	11.969	146	194398	52.421	ug/L		97
65) 1,4-Dichlorobenzene	12.043	146	200580	53.207	ug/L		93
67) 1,2-Dichlorobenzene	12.335	146	200262	52.220	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.945	75	46229	54.223	ug/L		87
69) 1,3,5-Trichlorobenzene	13.115	180	138367	53.205	ug/L		96
70) 1,2,4-trichlorobenzene	13.591	180	125326	54.872	ug/L		95
71) Naphthalene	13.780	128	471850	49.909	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	127603	52.891	ug/L		99

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

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