Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
Data File : VX024824.D
Acq On : 14 Oct 2021 20:06
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD050690

Quant Time: Oct 14 23:05:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 14 23:04:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	234640	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	226092	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114683	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	60256	41.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.96%			
7) Chloroethane-d5	1.660	69	51264	53.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.20%			
11) 1,1-Dichloroethene-d2	2.306	63	138357	48.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.02%			
21) 2-Butanone-d5	4.471	46	146513	122.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.67%			
24) Chloroform-d	5.068	84	162896	55.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.72%			
26) 1,2-Dichloroethane-d4	5.964	65	114596	55.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.14%			
32) Benzene-d6	5.983	84	306560	48.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.26%			
36) 1,2-Dichloropropane-d6	7.312	67	97802	49.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.20%			
41) Toluene-d8	8.653	98	289137	46.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.20%			
43) trans-1,3-Dichloroprop...	8.951	79	49330	49.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.96%			
47) 2-Hexanone-d5	9.390	63	105198	112.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.49%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	156030	56.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.74%			
66) 1,2-Dichlorobenzene-d4	12.323	152	120151	53.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	102827	49.57	ug/L	100
3) Chloromethane	1.294	50	81339	48.03	ug/L	99
5) Vinyl chloride	1.374	62	85363	49.96	ug/L	100
6) Bromomethane	1.599	94	52908	56.12	ug/L	97
8) Chloroethane	1.685	64	51646	57.90	ug/L	99
9) Trichlorofluoromethane	1.886	101	141007	58.55	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	80760	53.88	ug/L	96
12) 1,1-Dichloroethene	2.319	96	73481	54.52	ug/L	91
13) Acetone	2.386	43	98372	83.32	ug/L	92
14) Carbon disulfide	2.514	76	197118	50.66	ug/L	99
15) Methyl Acetate	2.709	43	101267	53.84	ug/L	92
16) Methylene chloride	2.794	84	86098	53.10	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	78612	51.45	ug/L	95
18) Methyl tert-butyl Ether	3.123	73	272312	54.18	ug/L	98
19) 1,1-Dichloroethane	3.617	63	151614	53.11	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	90268	52.34	ug/L	92
22) 2-Butanone	4.568	43	150604	96.36	ug/L	92
23) Bromochloromethane	4.910	128	48261	53.55	ug/L	96
25) Chloroform	5.105	83	170074	52.69	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	137768	55.01	ug/L	95
29) Cyclohexane	5.476	56	136044	48.48	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	150947	50.91	ug/L	99
31) Carbon tetrachloride	5.684	117	130364	50.12	ug/L	99
33) Benzene	6.043	78	350088	50.11	ug/L	100
34) Trichloroethene	7.129	95	92848	48.28	ug/L	99
35) Methylcyclohexane	7.385	83	146324	47.86	ug/L	98
37) 1,2-Dichloropropane	7.440	63	89186	48.47	ug/L	100
38) Bromodichloromethane	7.824	83	119041	50.65	ug/L	97
39) cis-1,3-Dichloropropene	8.372	75	137572	49.87	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	286096	102.18	ug/L	94
42) Toluene	8.720	91	387920	49.75	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	140382	52.10	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	91974	51.41	ug/L	97
46) Tetrachloroethene	9.275	164	73520	49.05	ug/L	95
48) 2-Hexanone	9.433	43	227878	99.77	ug/L	92
49) Dibromochloromethane	9.525	129	96992	52.13	ug/L	97
50) 1,2-Dibromoethane	9.610	107	99008	51.24	ug/L	97
51) Chlorobenzene	10.085	112	247174	52.59	ug/L	95
52) Ethylbenzene	10.195	91	422822	52.66	ug/L	98
53) m,p-Xylene	10.305	106	163585	52.15	ug/L	98
54) o-Xylene	10.646	106	164095	52.37	ug/L	94
55) Styrene	10.659	104	277605	53.08	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	147900	52.31	ug/L	100
59) Bromoform	10.805	173	68681	52.93	ug/L	98
60) Isopropylbenzene	10.963	105	427844	54.18	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	125583	53.35	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	370016	53.34	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	370339	54.62	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	192957	52.39	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	194873	52.97	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	194978	53.62	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	33528	52.99	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	136856	51.73	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	118516	52.95	ug/L	96
71) Naphthalene	13.780	128	433624	58.04	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	127266	55.10	ug/L	99

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

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