Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069208.D
Acq On : 19 May 2021 20:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
5/20/2021 5:59:42 PM

Quant Time: May 20 01:04:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	237491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	401418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	393237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	214079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	130807	54.94	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.88%			
35) Dibromofluoromethane	7.914	113	140335	53.72	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.44%			
50) Toluene-d8	10.338	98	502487	52.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.70%			
62) 4-Bromofluorobenzene	12.626	95	167558	54.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	109907	43.53	ug/l	99
3) Chloromethane	2.209	50	153331	52.84	ug/l	98
4) Vinyl Chloride	2.344	62	188465	49.27	ug/l	97
5) Bromomethane	2.762	94	136931	47.59	ug/l	97
6) Chloroethane	2.915	64	133933	54.43	ug/l	100
7) Trichlorofluoromethane	3.267	101	212289	45.49	ug/l	99
8) Diethyl Ether	3.709	74	61297	57.54	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	128603	48.63	ug/l	97
10) Methyl Iodide	4.297	142	112517	41.05	ug/l	99
11) Tert butyl alcohol	5.226	59	37802	315.63	ug/l	96
12) 1,1-Dichloroethene	4.062	96	118392	49.83	ug/l	96
13) Acrolein	3.926	56	47009	242.67	ug/l	98
14) Allyl chloride	4.714	41	135710	52.07	ug/l	95
15) Acrylonitrile	5.420	53	115363	290.14	ug/l	98
16) Acetone	4.150	43	87420	239.74	ug/l	97
17) Carbon Disulfide	4.403	76	383333	48.67	ug/l	99
18) Methyl Acetate	4.714	43	55393	62.52	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	246830	57.25	ug/l	99
20) Methylene Chloride	4.962	84	165250	56.96	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	146159	51.88	ug/l	97
22) Diisopropyl ether	6.361	45	301489	57.91	ug/l	94
23) Vinyl Acetate	6.308	43	914374	297.63	ug/l	99
24) 1,1-Dichloroethane	6.267	63	243840	54.22	ug/l	99
25) 2-Butanone	7.208	43	140742	284.84	ug/l	95
26) 2,2-Dichloropropane	7.203	77	194591	46.27	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	164630	53.82	ug/l	96
28) Bromochloromethane	7.544	49	91472	57.06	ug/l	99
29) Tetrahydrofuran	7.561	42	84338	313.99	ug/l	96
30) Chloroform	7.708	83	278832	55.07	ug/l	92
31) Cyclohexane	7.979	56	157582	44.66	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	236904	51.57	ug/l	99
36) 1,1-Dichloropropene	8.114	75	193697	49.63	ug/l	99
37) Ethyl Acetate	7.291	43	68977	55.01	ug/l	94
38) Carbon Tetrachloride	8.097	117	213093	48.84	ug/l	98
39) Methylcyclohexane	9.355	83	191087	46.42	ug/l	94
40) Benzene	8.350	78	586124	52.43	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	38059	57.02	ug/l	#	60
42) 1,2-Dichloroethane	8.426	62	167598	54.91	ug/l		99
43) Isopropyl Acetate	8.450	43	128694	56.52	ug/l		99
44) Trichloroethene	9.114	130	157346	50.36	ug/l		96
45) 1,2-Dichloropropane	9.385	63	143448	54.36	ug/l		98
46) Dibromomethane	9.473	93	86838	55.05	ug/l		99
47) Bromodichloromethane	9.661	83	215966	53.81	ug/l		99
48) Methyl methacrylate	9.455	41	59264	56.28	ug/l		97
49) 1,4-Dioxane	9.455	88	18552	1208.55	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.226	43	355595	303.54	ug/l		100
52) Toluene	10.402	92	377281	52.29	ug/l		95
53) t-1,3-Dichloropropene	10.620	75	187577	53.18	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	219324	52.02	ug/l		98
55) 1,1,2-Trichloroethane	10.796	97	116969	55.02	ug/l		94
56) Ethyl methacrylate	10.661	69	125851	54.15	ug/l		100
57) 1,3-Dichloropropane	10.944	76	194475	56.60	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	328303	311.95	ug/l		100
59) 2-Hexanone	10.979	43	235645	301.44	ug/l		98
60) Dibromochloromethane	11.138	129	152769	55.95	ug/l		99
61) 1,2-Dibromoethane	11.244	107	113979	54.25	ug/l		96
64) Tetrachloroethene	10.873	164	132242	48.39	ug/l		97
65) Chlorobenzene	11.667	112	415749	51.01	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	161054	52.40	ug/l		100
67) Ethyl Benzene	11.743	91	723299	51.57	ug/l		99
68) m/p-Xylenes	11.849	106	575373	104.68	ug/l		100
69) o-Xylene	12.179	106	257390	52.66	ug/l		98
70) Styrene	12.191	104	471134	55.21	ug/l		99
71) Bromoform	12.355	173	89857	56.21	ug/l	#	98
73) Isopropylbenzene	12.473	105	679614	45.42	ug/l		99
74) N-amyl acetate	12.285	43	121579	49.68	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	134404	49.57	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	77832m	48.37	ug/l		
77) Bromobenzene	12.755	156	165425	46.59	ug/l		95
78) n-propylbenzene	12.814	91	842320	46.66	ug/l		100
79) 2-Chlorotoluene	12.902	91	464498	46.24	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	589040	47.75	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	36900	46.32	ug/l		97
82) 4-Chlorotoluene	13.002	91	501101	46.83	ug/l		100
83) tert-Butylbenzene	13.220	119	500539	48.69	ug/l		97
84) 1,2,4-Trimethylbenzene	13.261	105	638122	51.41	ug/l		99
85) sec-Butylbenzene	13.396	105	743020	48.06	ug/l		99
86) p-Isopropyltoluene	13.508	119	659880	48.58	ug/l		100
87) 1,3-Dichlorobenzene	13.508	146	359916	50.09	ug/l		100
88) 1,4-Dichlorobenzene	13.590	146	349816	49.15	ug/l		99
89) n-Butylbenzene	13.838	91	590802	46.68	ug/l		99
90) Hexachloroethane	14.102	117	132702	52.13	ug/l		97
91) 1,2-Dichlorobenzene	13.879	146	309713	50.19	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22040	52.37	ug/l		98
93) 1,2,4-Trichlorobenzene	15.155	180	211307	55.87	ug/l		98
94) Hexachlorobutadiene	15.255	225	117471	51.76	ug/l		97
95) Naphthalene	15.390	128	380971	54.20	ug/l		99
96) 1,2,3-Trichlorobenzene	15.584	180	164576	50.87	ug/l		99

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

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

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