Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061419\
Data File : BM020938.D
Acq On : 14 Jun 2019 10:49
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC020

Quant Time: Jun 14 15:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 14 15:40:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	209387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	875802	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	531021	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1191455	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1162637	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1298554	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	40908	9.28	ng/uL	0.00
5) Phenol-d5	6.96	99	387438	21.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	227772	20.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	327996	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	322056	21.17	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	157089	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	179524	22.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	358502	22.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	324451	19.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1036538	21.60	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1292497	22.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	163201	20.91	ng/ul	0.00
57) Fluorene-d10	15.43	176	881853	21.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	144704	19.76	ng/ul	0.00
70) Anthracene-d10	17.28	188	1355581	21.89	ng/ul	0.00
78) Pyrene-d10	19.57	212	1440906	20.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1549137	20.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	41699	9.345	ng/uL	96
4) Benzaldehyde	6.95	77	150583	18.123	ng/ul	98
6) Phenol	6.99	94	399258	23.161	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.23	93	310909	23.631	ng/ul	99
10) 2-Chlorophenol	7.36	128	336710	24.127	ng/ul	96
11) 2-Methylphenol	8.23	108	299036	22.420	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.32	45	387767	23.081	ng/ul	98
14) Acetophenone	8.62	105	502836	22.965	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	262458	23.032	ng/ul	98
16) 4-Methylphenol	8.56	108	331986	22.872	ng/ul	97
17) Hexachloroethane	8.86	117	141202	24.274	ng/ul	95
20) Nitrobenzene	9.00	77	373261	23.363	ng/ul	99
21) Isophorone	9.52	82	700874	23.295	ng/ul	99
23) 2-Nitrophenol	9.70	139	191099	24.075	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	386241	23.818	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	433367	23.373	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	351484	24.053	ng/ul	98
28) Naphthalene	10.63	128	1056887	23.505	ng/ul	99
30) 4-Chloroaniline	10.75	127	334752	21.259	ng/ul	100
31) Hexachlorobutadiene	10.91	225	243954	24.502	ng/ul	98
32) Caprolactam	11.54	113	90930	22.134	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	341860	22.946	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	798315	23.154	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	470704	24.830	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	237091	21.023	ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	293224	24.890	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	318683	25.325	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	1067591	24.371	ng/ul	98
41) 2-Chloronaphthalene	13.31	162	823644	23.799	ng/ul	99
42) 2-Nitroaniline	13.52	65	206532	24.555	ng/ul	98
44) Dimethylphthalate	13.89	163	1021574	23.389	ng/ul	98
45) 2,6-Dinitrotoluene	14.02	165	203750	24.441	ng/ul	95
47) Acenaphthylene	14.16	152	1242259	24.703	ng/ul	99
48) 3-Nitroaniline	14.35	138	166308	22.789	ng/ul	99
49) Acenaphthene	14.50	153	862496	23.395	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	73177	17.474	ng/ul	97
52) 4-Nitrophenol	14.66	109	130558	22.616	ng/ul	98
53) Dibenzofuran	14.83	168	1241424	23.650	ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	291636	24.107	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	270455	24.647	ng/ul	99
56) Diethylphthalate	15.26	149	1011165	23.995	ng/ul	99
58) Fluorene	15.49	166	1003389	23.527	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	546835	23.517	ng/ul	100
60) 4-Nitroaniline	15.52	138	203149	26.189	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	154184	20.971	ng/ul	96
64) N-Nitrosodiphenylamine	15.70	169	866001	24.000	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	348603	23.859	ng/ul	97
66) Hexachlorobenzene	16.48	284	394020	23.530	ng/ul	99
67) Atrazine	16.65	200	320340	24.470	ng/ul	99
68) Pentachlorophenol	16.83	266	194125	23.120	ng/ul	98
69) Phenanthrene	17.22	178	1552985	23.568	ng/ul	99
71) Anthracene	17.32	178	1585736	23.615	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	475058	25.346	ng/uL	99
73) Pentachlorobenzene	14.75	250	458345	23.765	ng/uL	99
74) Carbazole	17.59	167	1359164	24.560	ng/ul	100
75) Di-n-butylphthalate	18.15	149	1679171	25.273	ng/ul	100
76) Fluoranthene	19.24	202	1821787	25.587	ng/ul	99
79) Pyrene	19.60	202	1857439	22.598	ng/ul	100
80) Butylbenzylphthalate	20.50	149	736660	24.212	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.28	252	515782	19.793	ng/ul	99
82) Benzo(a)anthracene	21.34	228	1900944	23.983	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	1103943	25.484	ng/ul	100
84) Chrysene	21.40	228	1735581	23.380	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	1914890	25.591	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	1931298	23.479	ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	1858806	23.489	ng/ul	99
90) Benzo(a)pyrene	23.54	252	1833962	23.688	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.94	276	2201155	24.144	ng/ul	99
92) Dibenzo(a,h)anthracene	25.96	278	1852674	24.157	ng/ul	99
93) Benzo(g,h,i)perylene	26.66	276	1795898	23.918	ng/ul	100

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

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