Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062118\
Data File : BM015740.D
Acq On : 21 Jun 2018 22:26
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Manual Integrations APPROVED
Sohil
6/22/2018 3:41:44 PM

Quant Time: Jun 22 02:51:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 22 02:12:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	102598	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	450833	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	256214	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	578057	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	657707	20.00	ng/ul	0.00
85) Perylene-d12	24.18	264	618646	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	18479m	8.75	ng/uL	0.00
5) Phenol-d5	7.46	99	161849	17.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.63	67	104198	18.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	141538	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	134704	16.79	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	64165	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	69197	21.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	139891	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	177171	23.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	409267	19.29	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	472723	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.13	143	64701	15.80	ng/ul	0.00
57) Fluorene-d10	15.92	176	348477	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	59013	16.95	ng/ul	0.00
70) Anthracene-d10	17.76	188	540430	20.51	ng/ul	0.00
78) Pyrene-d10	20.02	212	594430	21.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.03	264	630889	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	18589m	8.557	ng/uL	
4) Benzaldehyde	7.46	77	107321	21.983	ng/ul	90
6) Phenol	7.49	94	167654	17.328	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.73	93	126355	17.613	ng/ul#	84
10) 2-Chlorophenol	7.87	128	142179	19.373	ng/ul#	90
11) 2-Methylphenol	8.76	108	125186	16.899	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.84	45	206254m	17.182	ng/ul	
14) Acetophenone	9.16	105	217914	17.357	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.13	70	112876	16.993	ng/ul#	69
16) 4-Methylphenol	9.10	108	137401	16.638	ng/ul	97
17) Hexachloroethane	9.40	117	63208	21.850	ng/ul	94
20) Nitrobenzene	9.55	77	169088	20.650	ng/ul	90
21) Isophorone	10.07	82	295021	18.846	ng/ul	96
23) 2-Nitrophenol	10.26	139	76570	20.367	ng/ul#	77
24) 2,4-Dimethylphenol	10.30	107	171359	20.601	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.55	93	176482	18.857	ng/ul	99
27) 2,4-Dichlorophenol	10.79	162	138879	20.600	ng/ul	100
28) Naphthalene	11.20	128	449876	19.937	ng/ul	100
30) 4-Chloroaniline	11.31	127	178717	22.902	ng/ul	99
31) Hexachlorobutadiene	11.46	225	94355	22.817	ng/ul	98
32) Caprolactam	12.09	113	38690	15.023	ng/ul#	53
33) 4-Chloro-3-methylphenol	12.41	107	148430	18.493	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	331522	19.157	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	163066	22.051	ng/ul#	98
37) Hexachlorocyclopentadiene	13.11	237	75521	25.242	ng/ul	97
38) 2,4,6-Trichlorophenol	13.39	196	104794	21.626	ng/ul	98
39) 2,4,5-Trichlorophenol	13.46	196	106772	19.984	ng/ul	98
40) 1,1'-Biphenyl	13.77	154	417010	20.853	ng/ul	100
41) 2-Chloronaphthalene	13.83	162	332590	21.501	ng/ul	99
42) 2-Nitroaniline	14.04	65	101479	21.169	ng/ul#	79
44) Dimethylphthalate	14.39	163	416260	19.218	ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	81263	20.230	ng/ul#	75
47) Acenaphthylene	14.67	152	492783	20.634	ng/ul	99
48) 3-Nitroaniline	14.85	138	78424	19.202	ng/ul	91
49) Acenaphthene	15.00	153	353995	20.084	ng/ul	98
50) 2,4-Dinitrophenol	15.07	184	60553	25.199	ng/ul#	1
52) 4-Nitrophenol	15.15	109	69476	19.128	ng/ul#	84
53) Dibenzofuran	15.33	168	494170	19.928	ng/ul	95
54) 2,4-Dinitrotoluene	15.31	165	122006	19.559	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.56	232	91085	18.850	ng/ul#	90
56) Diethylphthalate	15.73	149	440615	19.354	ng/ul	98
58) Fluorene	15.97	166	405405	19.549	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.96	204	204155	19.776	ng/ul	98
60) 4-Nitroaniline	16.01	138	71765	14.481	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	16.07	198	63012	16.935	ng/ul#	84
64) N-Nitrosodiphenylamine	16.17	169	344905	20.710	ng/ul	99
65) 4-Bromophenyl-phenylether	16.84	248	122618	20.870	ng/ul	100
66) Hexachlorobenzene	16.97	284	138936	20.232	ng/ul	97
67) Atrazine	17.11	200	129720	21.114	ng/ul	99
68) Pentachlorophenol	17.32	266	66196	16.756	ng/ul	99
69) Phenanthrene	17.70	178	640696	20.195	ng/ul	99
71) Anthracene	17.80	178	653602	20.227	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.75	216	164922	23.656	ng/uL	96
73) Pentachlorobenzene	15.25	250	159881	21.821	ng/uL	99
74) Carbazole	18.06	167	576774	19.310	ng/ul	99
75) Di-n-butylphthalate	18.59	149	741142	20.619	ng/ul#	98
76) Fluoranthene	19.69	202	748530	19.242	ng/ul	97
79) Pyrene	20.04	202	773263	20.958	ng/ul	96
80) Butylbenzylphthalate	20.89	149	355880	21.596	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.68	252	245789	18.308	ng/ul	97
82) Benzo(a)anthracene	21.76	228	802835	20.132	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.64	149	525177	21.679	ng/ul	97
84) Chrysene	21.81	228	750555	20.058	ng/ul	99
86) Di-n-octyl phthalate	22.56	149	902926	23.192	ng/ul#	87
87) Benzo(b)fluoranthene	23.44	252	763385	20.761	ng/ul	99
88) Benzo(k)fluoranthene	23.49	252	754938	21.759	ng/ul	99
90) Benzo(a)pyrene	24.07	252	707274	20.132	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.66	276	748476	17.007	ng/ul	95
92) Dibenzo(a,h)anthracene	26.66	278	629804	16.959	ng/ul	96
93) Benzo(g,h,i)perylene	27.43	276	595403	16.412	ng/ul	96

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

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