Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018220.D
Acq On : 16 Dec 2018 11:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/17/2018 4:20:55 PM

Quant Time: Dec 17 04:04:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	117296	20.00	ng		0.00
21) Naphthalene-d8	10.26	136	515807	20.00	ng		0.00
39) Acenaphthene-d10	14.16	164	303059	20.00	ng		0.00
64) Phenanthrene-d10	16.92	188	676376	20.00	ng		0.00
76) Chrysene-d12	21.14	240	790326	20.00	ng		0.00
87) Perylene-d12	23.30	264	800881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	564662	80.42	ng		0.00
7) Phenol-d6	6.70	99	812234	83.22	ng		0.00
23) Nitrobenzene-d5	8.66	82	862151	85.74	ng		0.00
42) 2,4,6-Tribromophenol	15.67	330	364786	82.01	ng		0.00
45) 2-Fluorobiphenyl	12.76	172	1915414	81.86	ng		0.00
79) Terphenyl-d14	19.57	244	2726944	78.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	110975	39.897	ng		97
3) Pyridine	3.50	79	345031	42.165	ng		99
4) n-Nitrosodimethylamine	3.43	42	120656	42.838	ng		93
6) Aniline	6.85	93	510855	41.726	ng		99
8) 2-Chlorophenol	7.07	128	342584	41.294	ng		97
9) Benzaldehyde	6.66	77	241038	40.519	ng		96
10) Phenol	6.72	94	427853	41.395	ng		97
11) bis(2-Chloroethyl)ether	6.95	93	341036	41.516	ng		96
12) 1,3-Dichlorobenzene	7.39	146	379134	40.925	ng		100
13) 1,4-Dichlorobenzene	7.53	146	383871	40.805	ng		99
14) 1,2-Dichlorobenzene	7.84	146	377537	41.630	ng		99
15) Benzyl Alcohol	7.75	79	332363	41.794	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.03	45	297271	40.214	ng		98
17) 2-Methylphenol	7.95	107	293844	42.577	ng		98
18) Hexachloroethane	8.55	117	146427	42.466	ng		93
19) n-Nitroso-di-n-propylamine	8.31	70	311737	42.779	ng		98
20) 3+4-Methylphenols	8.28	107	406390	42.024	ng		97
22) Acetophenone	8.32	105	562556	41.213	ng	#	99
24) Nitrobenzene	8.70	77	425482	42.345	ng		100
25) Isophorone	9.22	82	690286	41.231	ng		99
26) 2-Nitrophenol	9.40	139	205288	41.656	ng		96
27) 2,4-Dimethylphenol	9.47	122	289052	40.697	ng		97
28) bis(2-Chloroethoxy)methane	9.70	93	451316	41.355	ng		99
29) 2,4-Dichlorophenol	9.93	162	335613	42.618	ng		99
30) 1,2,4-Trichlorobenzene	10.13	180	371096	41.428	ng		96
31) Naphthalene	10.32	128	1038260	41.165	ng		99
32) Benzoic acid	9.66	122	266445m	39.617	ng		
33) 4-Chloroaniline	10.45	127	466891	42.260	ng		98
34) Hexachlorobutadiene	10.59	225	232059	40.962	ng		96
35) Caprolactam	11.26	113	126347	42.106	ng		96
36) 4-Chloro-3-methylphenol	11.59	107	391191	41.341	ng		98
37) 2-Methylnaphthalene	11.94	142	736952	41.432	ng		99
38) 1-Methylnaphthalene	12.16	142	713751	41.124	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	429997	41.261	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	163247	40.244	ng	97
43) 2,4,6-Trichlorophenol	12.57	196	278338	41.526	ng	94
44) 2,4,5-Trichlorophenol	12.65	196	291655	40.986	ng	98
46) 1,1'-Biphenyl	12.98	154	1114086	40.863	ng	100
47) 2-Chloronaphthalene	13.02	162	819652	40.845	ng	99
48) 2-Nitroaniline	13.25	65	263152	42.570	ng	99
49) Acenaphthylene	13.87	152	1248349	41.281	ng	99
50) Dimethylphthalate	13.63	163	1008716	40.036	ng	100
51) 2,6-Dinitrotoluene	13.76	165	228491	41.253	ng	98
52) Acenaphthene	14.22	154	759403	41.091	ng	98
53) 3-Nitroaniline	14.09	138	246151	42.231	ng	97
54) 2,4-Dinitrophenol	14.32	184	127669	41.785	ng	97
55) Dibenzofuran	14.56	168	1221774	41.143	ng	100
56) 4-Nitrophenol	14.42	139	181377	41.043	ng	95
57) 2,4-Dinitrotoluene	14.56	165	322816	42.166	ng	95
58) Fluorene	15.22	166	946663	41.275	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	265826	41.480	ng	100
60) Diethylphthalate	15.01	149	1089941	40.086	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	531061	40.942	ng	97
62) 4-Nitroaniline	15.27	138	237978	43.029	ng	98
63) Azobenzene	15.51	77	1054077	42.516	ng	98
65) 4,6-Dinitro-2-methylphenol	15.33	198	200969	40.361	ng	98
66) n-Nitrosodiphenylamine	15.44	169	904925	40.459	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	329109	40.177	ng	99
68) Hexachlorobenzene	16.22	284	359431	40.052	ng	97
69) Atrazine	16.41	200	316323	41.892	ng	100
70) Pentachlorophenol	16.57	266	245753	41.465	ng	97
71) Phenanthrene	16.96	178	1486486	40.460	ng	100
72) Anthracene	17.05	178	1501414	41.193	ng	99
73) Carbazole	17.34	167	1547170	41.357	ng	100
74) Di-n-butylphthalate	17.90	149	1844838	39.967	ng	99
75) Fluoranthene	18.99	202	1770013	41.438	ng	99
77) Benzidine	19.20	184	961373	47.970	ng	99
78) Pyrene	19.36	202	1859861	39.495	ng	99
80) Butylbenzylphthalate	20.28	149	888316	39.652	ng	96
81) Benzo(a)anthracene	21.13	228	1869331	40.491	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	790970	42.885	ng	99
83) Chrysene	21.18	228	1802755	40.597	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1332026	39.895	ng	98
85) Di-n-octyl phthalate	21.93	149	2248442	41.119	ng	100
86) Indeno(1,2,3-cd)pyrene	25.44	276	1970489	44.547	ng	99
88) Benzo(b)fluoranthene	22.66	252	1887702	41.961	ng	99
89) Benzo(k)fluoranthene	22.70	252	1783397	39.805	ng	99
90) Benzo(a)pyrene	23.21	252	1759933	41.132	ng	99
91) Dibenzo(a,h)anthracene	25.45	278	1674767	42.255	ng	99
92) Benzo(g,h,i)perylene	26.09	276	1575106	42.041	ng	99

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

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