Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041249.D
Acq On : 14 Jun 2019 11:47
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
mohammad
6/17/2019 4:52:26 PM

Quant Time: Jun 14 13:26:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 13:13:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33672	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	150595	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	104733	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	253528	20.00	ng	0.00
76) Chrysene-d12	21.75	240	244907	20.00	ng	0.00
87) Perylene-d12	25.06	264	230491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	154021	82.48	ng	0.00
7) Phenol-d6	7.24	99	236762	82.10	ng	0.00
23) Nitrobenzene-d5	9.27	82	284101	83.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	120330	77.39	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	643019	88.42	ng	0.00
79) Terphenyl-d14	20.07	244	1052150	91.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	32181	37.978	ng	100
3) Pyridine	3.90	79	93728	37.382	ng	100
4) n-Nitrosodimethylamine	3.82	42	49052	42.153	ng	100
6) Aniline	7.42	93	153667	39.920	ng	100
8) 2-Chlorophenol	7.65	128	93032	41.789	ng	100
9) Benzaldehyde	7.23	77	70605	41.041	ng	100
10) Phenol	7.27	94	128035	41.407	ng	100
11) bis(2-Chloroethyl)ether	7.51	93	90643	40.408	ng	100
12) 1,3-Dichlorobenzene	7.98	146	112883	42.455	ng	100
13) 1,4-Dichlorobenzene	8.13	146	114727	42.627	ng	100
14) 1,2-Dichlorobenzene	8.45	146	112729	43.138	ng	100
15) Benzyl Alcohol	8.33	79	109411	41.013	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.62	45	147750	40.308	ng	100
17) 2-Methylphenol	8.53	107	92112	41.143	ng	100
18) Hexachloroethane	9.17	117	45530	43.892	ng	100
19) n-Nitroso-di-n-propylamine	8.90	70	89670	40.404	ng	100
20) 3+4-Methylphenols	8.86	107	126139	40.674	ng	100
22) Acetophenone	8.92	105	169598	40.147	ng	100
24) Nitrobenzene	9.32	77	143769	41.588	ng	100
25) Isophorone	9.83	82	251049	38.888	ng	100
26) 2-Nitrophenol	10.03	139	61035	42.827	ng	100
27) 2,4-Dimethylphenol	10.07	122	92285	39.208	ng	100
28) bis(2-Chloroethoxy)methane	10.31	93	134466	38.592	ng	100
29) 2,4-Dichlorophenol	10.56	162	116273	38.901	ng	100
30) 1,2,4-Trichlorobenzene	10.77	180	139669	41.077	ng	100
31) Naphthalene	10.97	128	327815	40.543	ng	100
32) Benzoic acid	10.17	122	19418	11.558	ng	100
33) 4-Chloroaniline	11.08	127	142363	37.947	ng	100
34) Hexachlorobutadiene	11.23	225	108889	41.853	ng	100
35) Caprolactam	11.87	113	33554	33.995	ng	100
36) 4-Chloro-3-methylphenol	12.18	107	125862	36.871	ng	100
37) 2-Methylnaphthalene	12.56	142	248970	39.980	ng	100
38) 1-Methylnaphthalene	12.78	142	234334	39.932	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	184707	43.756	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 13:13:36 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	79682	42.129 ng	100
43) 2,4,6-Trichlorophenol	13.16	196	113336	41.503 ng	100
44) 2,4,5-Trichlorophenol	13.23	196	113472	39.400 ng	100
46) 1,1'-Biphenyl	13.56	154	327560	42.252 ng	100
47) 2-Chloronaphthalene	13.61	162	290991	43.722 ng	100
48) 2-Nitroaniline	13.82	65	101203	42.386 ng	100
49) Acenaphthylene	14.45	152	416818	41.612 ng	100
50) Dimethylphthalate	14.17	163	364977	41.167 ng	100
51) 2,6-Dinitrotoluene	14.30	165	76240	39.884 ng	100
52) Acenaphthene	14.79	154	247846	40.844 ng	100
53) 3-Nitroaniline	14.64	138	75233	39.359 ng	100
54) 2,4-Dinitrophenol	14.86	184	10300	13.900 ng	100
55) Dibenzofuran	15.12	168	422708	41.399 ng	100
56) 4-Nitrophenol	14.94	139	39276	29.957 ng	100
57) 2,4-Dinitrotoluene	15.09	165	108102	40.035 ng	100
58) Fluorene	15.77	166	327926	40.328 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	107829	38.098 ng	100
60) Diethylphthalate	15.53	149	356939	39.451 ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	211133	39.947 ng	100
62) 4-Nitroaniline	15.80	138	75035	37.080 ng	100
63) Azobenzene	16.05	77	323838	39.380 ng	100
65) 4,6-Dinitro-2-methylphenol	15.85	198	33080	27.194 ng	100
66) n-Nitrosodiphenylamine	15.97	169	282818	39.683 ng	100
67) 4-Bromophenyl-phenylether	16.65	248	133737	39.088 ng	100
68) Hexachlorobenzene	16.77	284	144713	39.720 ng	100
69) Atrazine	16.91	200	105640	38.415 ng	100
70) Pentachlorophenol	17.11	266	50650	28.687 ng	100
71) Phenanthrene	17.51	178	541328	40.991 ng	100
72) Anthracene	17.61	178	542012	41.615 ng	100
73) Carbazole	17.88	167	457068	40.899 ng	100
74) Di-n-butylphthalate	18.41	149	571945	41.177 ng	100
75) Fluoranthene	19.52	202	694305	42.565 ng	100
77) Benzidine	19.70	184	155249	26.573 ng	100
78) Pyrene	19.88	202	697489	43.811 ng	100
80) Butylbenzylphthalate	20.74	149	263086	42.463 ng	100
81) Benzo(a)anthracene	21.72	228	674493	41.374 ng	100
82) 3,3'-Dichlorobenzidine	21.64	252	207588	36.203 ng	100
83) Chrysene	21.80	228	674178	43.214 ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	369742	42.394 ng	100
85) Di-n-octyl phthalate	22.82	149	622469	42.854 ng	100
86) Indeno(1,2,3-cd)pyrene	28.87	276	391406m	20.481 ng	
88) Benzo(b)fluoranthene	24.00	252	538101	38.491 ng	100
89) Benzo(k)fluoranthene	24.07	252	620758	44.871 ng	100
90) Benzo(a)pyrene	24.90	252	538144	40.347 ng	100
91) Dibenzo(a,h)anthracene	28.93	278	303576	22.778 ng	100
92) Benzo(g,h,i)perylene	30.07	276	237713	18.359 ng	100

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

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