Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
Data File : BG039818.D
Acq On : 8 Mar 2019 13:02
Operator : JU/SJ
Sample : PB117728BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117728BS

Manual Integrations APPROVED
Sohil
3/11/2019 9:42:24 AM

Quant Time: Mar 09 00:19:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40858	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	184904	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	130727	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	324028	20.00	ng		0.00
76) Chrysene-d12	21.81	240	318387	20.00	ng		-0.01
87) Perylene-d12	25.18	264	309176	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	353472	147.59	ng		0.00
7) Phenol-d6	7.31	99	503404	140.97	ng		0.00
23) Nitrobenzene-d5	9.33	82	265124	77.55	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	205223	134.69	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	661011	71.99	ng		-0.01
79) Terphenyl-d14	20.12	244	1092691	75.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	36793	33.276	ng		97
3) Pyridine	3.99	79	95316	32.200	ng		92
4) n-Nitrosodimethylamine	3.91	42	53575	38.152	ng		86
6) Aniline	7.48	93	138499	29.603	ng		98
8) 2-Chlorophenol	7.72	128	125748	43.279	ng		96
9) Benzaldehyde	7.29	77	76089	33.032	ng		94
10) Phenol	7.33	94	169565	43.832	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	114487	37.958	ng		98
12) 1,3-Dichlorobenzene	8.04	146	121969	37.117	ng		98
13) 1,4-Dichlorobenzene	8.19	146	126018	37.649	ng		94
14) 1,2-Dichlorobenzene	8.51	146	123311	38.130	ng		98
15) Benzyl Alcohol	8.39	79	119174	42.071	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	224965	37.293	ng		99
17) 2-Methylphenol	8.59	107	108730	44.079	ng		97
18) Hexachloroethane	9.24	117	44568	37.109	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	94977	36.951	ng		94
20) 3+4-Methylphenols	8.91	107	151551	44.225	ng		97
22) Acetophenone	8.99	105	184509	37.179	ng	#	94
24) Nitrobenzene	9.37	77	144510	40.292	ng		98
25) Isophorone	9.89	82	276730	38.630	ng		99
26) 2-Nitrophenol	10.08	139	70135	40.501	ng		99
27) 2,4-Dimethylphenol	10.12	122	131565	48.850	ng		99
28) bis(2-Chloroethoxy)methane	10.37	93	169244	38.877	ng		97
29) 2,4-Dichlorophenol	10.61	162	137048	45.196	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	138024	40.451	ng		97
31) Naphthalene	11.03	128	382763	39.098	ng		99
32) Benzoic acid	10.26	122	71614	40.002	ng		100
33) 4-Chloroaniline	11.14	127	106715	25.706	ng		97
34) Hexachlorobutadiene	11.29	225	85762	36.782	ng		91
35) Caprolactam	11.92	113	47691m	41.173	ng		
36) 4-Chloro-3-methylphenol	12.24	107	151085	43.466	ng		97
37) 2-Methylnaphthalene	12.62	142	299449	40.913	ng		94
38) 1-Methylnaphthalene	12.84	142	281763	39.613	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	165448	37.358	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	194752	82.057	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	116161	44.801	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	124830	42.713	ng		98
46) 1,1'-Biphenyl	13.61	154	406500	37.806	ng		99
47) 2-Chloronaphthalene	13.67	162	319616	39.514	ng		98
48) 2-Nitroaniline	13.87	65	110202	42.394	ng		96
49) Acenaphthylene	14.51	152	504664	38.006	ng		99
50) Dimethylphthalate	14.23	163	422726	38.671	ng		99
51) 2,6-Dinitrotoluene	14.36	165	95855	41.364	ng		93
52) Acenaphthene	14.85	154	310559	38.859	ng		99
53) 3-Nitroaniline	14.70	138	71150	30.544	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	92966	64.690	ng		95
55) Dibenzofuran	15.18	168	507947	38.738	ng		99
56) 4-Nitrophenol	14.99	139	164756	79.063	ng		87
57) 2,4-Dinitrotoluene	15.14	165	137861	42.338	ng	#	87
58) Fluorene	15.82	166	402216	39.019	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	125469	43.959	ng		96
60) Diethylphthalate	15.58	149	432086	39.930	ng		100
61) 4-Chlorophenyl-phenylether	15.81	204	214604	39.014	ng		97
62) 4-Nitroaniline	15.86	138	102534	40.601	ng		95
63) Azobenzene	16.10	77	384083	39.156	ng		95
65) 4,6-Dinitro-2-methylphenol	15.90	198	72345	37.761	ng		92
66) n-Nitrosodiphenylamine	16.03	169	375022	39.978	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	141028	38.883	ng		95
68) Hexachlorobenzene	16.82	284	145612	38.731	ng		93
69) Atrazine	16.97	200	150316	40.715	ng		97
70) Pentachlorophenol	17.17	266	181948	76.630	ng		97
71) Phenanthrene	17.57	178	685304	38.397	ng		99
72) Anthracene	17.66	178	697395	40.097	ng		98
73) Carbazole	17.93	167	613315	39.116	ng		98
74) Di-n-butylphthalate	18.46	149	752682	40.800	ng		99
75) Fluoranthene	19.57	202	826517	39.184	ng		99
77) Benzidine	19.75	184	314293	31.108	ng		97
78) Pyrene	19.93	202	807106	39.011	ng		99
80) Butylbenzylphthalate	20.80	149	347044	43.297	ng		94
81) Benzo(a)anthracene	21.79	228	768668	38.522	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	209925	28.815	ng		97
83) Chrysene	21.86	228	746863	38.607	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	483606	42.935	ng		99
85) Di-n-octyl phthalate	22.91	149	819273	43.929	ng		95
86) Indeno(1,2,3-cd)pyrene	29.06	276	878876	40.047	ng	#	95
88) Benzo(b)fluoranthene	24.11	252	779640	42.287	ng		99
89) Benzo(k)fluoranthene	24.18	252	740855	43.169	ng		100
90) Benzo(a)pyrene	25.02	252	750400	44.046	ng		98
91) Dibenzo(a,h)anthracene	29.12	278	713417	42.715	ng		99
92) Benzo(g,h,i)perylene	30.29	276	713309	42.524	ng		98

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

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