Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
Data File : BG045537.D
Acq On : 30 May 2020 2:42
Operator : CG/JU
Sample : PB129185BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 30 06:42:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB129185BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	65141	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	259782	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	192259	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	460428	20.00	ng		0.00
76) Chrysene-d12	21.60	240	433556	20.00	ng		0.00
87) Perylene-d12	24.75	264	489260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	437719	131.32	ng		0.00
7) Phenol-d6	7.16	99	610838	128.76	ng		0.00
23) Nitrobenzene-d5	9.12	82	389085	81.67	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	294333	119.71	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	896946	79.13	ng		0.00
79) Terphenyl-d14	19.97	244	1578314	84.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	54309	32.86	ng	#	93
3) Pyridine	3.80	79	126478	27.47	ng		97
4) n-Nitrosodimethylamine	3.71	42	60537	40.19	ng		90
6) Aniline	7.28	93	142002	22.93	ng		96
8) 2-Chlorophenol	7.53	128	155656	42.58	ng		98
9) Benzaldehyde	7.08	77	103811	33.59	ng		94
10) Phenol	7.18	94	207920	42.52	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	146704	38.47	ng		99
12) 1,3-Dichlorobenzene	7.84	146	168392	38.34	ng		97
13) 1,4-Dichlorobenzene	7.99	146	170760	39.39	ng		96
14) 1,2-Dichlorobenzene	8.31	146	161576	38.75	ng		97
15) Benzyl Alcohol	8.20	79	160096	40.85	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	133956	37.00	ng		98
17) 2-Methylphenol	8.43	107	138509	37.85	ng		93
18) Hexachloroethane	9.04	117	66213	39.88	ng		99
19) n-Nitroso-di-n-propylamine	8.76	70	127959	39.00	ng		97
20) 3+4-Methylphenols	8.76	107	189425	38.01	ng	#	85
22) Acetophenone	8.77	105	236269	38.37	ng	#	97
24) Nitrobenzene	9.16	77	199447	39.08	ng		99
25) Isophorone	9.68	82	356894	38.04	ng		99
26) 2-Nitrophenol	9.87	139	89842	41.15	ng		91
27) 2,4-Dimethylphenol	9.95	122	146026	45.09	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	199448	40.54	ng		98
29) 2,4-Dichlorophenol	10.43	162	163114	42.65	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	179657	39.76	ng		97
31) Naphthalene	10.81	128	486342	40.17	ng		99
32) Benzoic acid	10.13	122	88797	41.92	ng		89
33) 4-Chloroaniline	10.92	127	67872	13.41	ng		95
34) Hexachlorobutadiene	11.11	225	125250	39.21	ng		97
35) Caprolactam	11.69	113	55644m	39.64	ng		
36) 4-Chloro-3-methylphenol	12.08	107	182881	42.44	ng		98
37) 2-Methylnaphthalene	12.42	142	361379	40.05	ng		98
38) 1-Methylnaphthalene	12.64	142	348714	40.91	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	208977	38.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	245934	79.35	ng		95
43) 2,4,6-Trichlorophenol	13.04	196	144557	38.75	ng		94
44) 2,4,5-Trichlorophenol	13.13	196	155597	36.50	ng		98
46) 1,1'-Biphenyl	13.43	154	474767	40.19	ng		98
47) 2-Chloronaphthalene	13.47	162	362410	37.78	ng		100
48) 2-Nitroaniline	13.68	65	118111	37.43	ng		92
49) Acenaphthylene	14.32	152	614661	39.89	ng		99
50) Dimethylphthalate	14.06	163	500768	37.97	ng		100
51) 2,6-Dinitrotoluene	14.17	165	113729	38.21	ng		95
52) Acenaphthene	14.66	154	442493m	42.90	ng		
53) 3-Nitroaniline	14.51	138	57061	18.86	ng		97
54) 2,4-Dinitrophenol	14.72	184	127213	66.26	ng		92
55) Dibenzofuran	15.00	168	593347	38.74	ng		99
56) 4-Nitrophenol	14.86	139	173062	75.56	ng		93
57) 2,4-Dinitrotoluene	14.96	165	164591	38.19	ng		98
58) Fluorene	15.65	166	493306	39.20	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	153976	41.06	ng		97
60) Diethylphthalate	15.42	149	524232	38.19	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	270683	37.59	ng		98
62) 4-Nitroaniline	15.67	138	110852	35.10	ng		97
63) Azobenzene	15.94	77	495039	38.67	ng		97
65) 4,6-Dinitro-2-methylphenol	15.73	198	103418	38.57	ng		95
66) n-Nitrosodiphenylamine	15.86	169	440058	39.81	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	192523	38.62	ng		97
68) Hexachlorobenzene	16.66	284	210392	40.35	ng		97
69) Atrazine	16.81	200	170243	37.39	ng		100
70) Pentachlorophenol	17.01	266	220420	81.41	ng		98
71) Phenanthrene	17.39	178	816682	40.63	ng		100
72) Anthracene	17.48	178	847274	41.97	ng		98
73) Carbazole	17.75	167	765737	38.92	ng		99
74) Di-n-butylphthalate	18.31	149	931515	39.44	ng		100
75) Fluoranthene	19.40	202	1023337	40.03	ng		100
77) Benzidine	19.58	184	367259	30.16	ng		99
78) Pyrene	19.76	202	1029556	41.66	ng		100
80) Butylbenzylphthalate	20.65	149	415005	38.90	ng		99
81) Benzo(a)anthracene	21.59	228	998974	41.36	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	210865	22.26	ng		98
83) Chrysene	21.65	228	943030	40.61	ng		100
84) Bis(2-ethylhexyl)phthalate	21.50	149	588602	40.14	ng		100
85) Di-n-octyl phthalate	22.69	149	1001125	39.75	ng		99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1262671	41.58	ng	#	95
88) Benzo(b)fluoranthene	23.76	252	1046220	39.87	ng		98
89) Benzo(k)fluoranthene	23.82	252	1036704	42.05	ng		99
90) Benzo(a)pyrene	24.61	252	983911	40.26	ng		98
91) Dibenzo(a,h)anthracene	28.39	278	1024301	41.71	ng		100
92) Benzo(g,h,i)perylene	29.44	276	1044405	42.52	ng		99

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

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