Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045883.D
Acq On : 30 Jun 2020 14:01
Operator : CG/JU
Sample : PB129821BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 30 16:51:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 16:34:40 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB129821BS

Manual Integrations APPROVED
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7/7/2020 8:17:07 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	46477	20.00	ng		0.00
21) Naphthalene-d8	10.70	136	187403	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	139331	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	344978	20.00	ng		0.00
76) Chrysene-d12	21.56	240	336034	20.00	ng		0.00
86) Perylene-d12	24.67	264	352390	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	318586	115.79	ng		0.00
7) Phenol-d6	7.12	99	451903	107.98	ng		0.00
23) Nitrobenzene-d5	9.06	82	295202	71.96	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	216850	103.09	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	657463	69.34	ng		0.00
79) Terphenyl-d14	19.92	244	1294034	78.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	39511	31.354	ng		96
3) Pyridine	3.73	79	113536	30.404	ng		97
4) n-Nitrosodimethylamine	3.65	42	48071	38.351	ng		99
6) Aniline	7.22	93	160756	32.623	ng		97
8) 2-Chlorophenol	7.48	128	120934	41.064	ng		98
9) Benzaldehyde	7.02	77	53464	21.269	ng		95
10) Phenol	7.14	94	160517	39.584	ng		99
11) bis(2-Chloroethyl)ether	7.31	93	112120	36.402	ng		98
12) 1,3-Dichlorobenzene	7.78	146	128813	36.703	ng		96
13) 1,4-Dichlorobenzene	7.93	146	129165	36.846	ng		98
14) 1,2-Dichlorobenzene	8.25	146	120786	35.991	ng		98
15) Benzyl Alcohol	8.15	79	120264	37.134	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	105616	36.384	ng		98
17) 2-Methylphenol	8.38	107	107676	35.680	ng		92
18) Hexachloroethane	8.97	117	49021	36.819	ng		90
19) n-Nitroso-di-n-propylamine	8.70	70	104861	38.112	ng		98
20) 3+4-Methylphenols	8.72	107	146719	36.968	ng	#	85
22) Acetophenone	8.72	105	184889	35.945	ng	#	96
24) Nitrobenzene	9.10	77	157387	35.983	ng		97
25) Isophorone	9.62	82	282284	35.545	ng		98
26) 2-Nitrophenol	9.81	139	66054	36.249	ng		98
27) 2,4-Dimethylphenol	9.91	122	108839	39.121	ng		99
28) bis(2-Chloroethoxy)methane	10.11	93	155834	37.566	ng		97
29) 2,4-Dichlorophenol	10.38	162	122908	37.865	ng		99
30) 1,2,4-Trichlorobenzene	10.57	180	135035	35.141	ng		98
31) Naphthalene	10.75	128	363563	35.485	ng		98
32) Benzoic acid	10.10	122	65540	38.508	ng		95
33) 4-Chloroaniline	10.87	127	114691	26.731	ng		99
34) Hexachlorobutadiene	11.04	225	92879	33.986	ng		98
35) Caprolactam	11.64	113	42902m	40.844	ng		
36) 4-Chloro-3-methylphenol	12.04	107	147392	39.328	ng		96
37) 2-Methylnaphthalene	12.36	142	283206	37.121	ng		96
38) 1-Methylnaphthalene	12.58	142	268267	37.157	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	154895	33.762	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	168256	67.826 ng	95
43) 2,4,6-Trichlorophenol	12.99	196	104649	33.643 ng	93
44) 2,4,5-Trichlorophenol	13.09	196	111701	31.508 ng	95
46) 1,1'-Biphenyl	13.38	154	357889	35.877 ng	99
47) 2-Chloronaphthalene	13.42	162	281382	34.920 ng	99
48) 2-Nitroaniline	13.63	65	99389	37.081 ng	96
49) Acenaphthylene	14.27	152	460681	35.693 ng	98
50) Dimethylphthalate	14.01	163	406599	37.251 ng	98
51) 2,6-Dinitrotoluene	14.13	165	91862	37.471 ng	98
52) Acenaphthene	14.61	154	277643	35.489 ng	99
53) 3-Nitroaniline	14.47	138	72917	29.777 ng	99
54) 2,4-Dinitrophenol	14.68	184	83975	63.847 ng	96
55) Dibenzofuran	14.95	168	463040	36.434 ng	98
56) 4-Nitrophenol	14.84	139	112494	64.909 ng	97
57) 2,4-Dinitrotoluene	14.92	165	131796	37.521 ng	98
58) Fluorene	15.60	166	392445	37.135 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	99900	32.467 ng	98
60) Diethylphthalate	15.37	149	427085	38.275 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	214459	35.209 ng	98
62) 4-Nitroaniline	15.64	138	94830	37.734 ng	96
63) Azobenzene	15.88	77	407695	38.053 ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	78831	36.976 ng	98
66) n-Nitrosodiphenylamine	15.81	169	348949	35.712 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	152766	34.080 ng	97
68) Hexachlorobenzene	16.61	284	166475	35.815 ng	98
69) Atrazine	16.76	200	142580	37.604 ng	93
70) Pentachlorophenol	16.97	266	83683	40.655 ng	95
71) Phenanthrene	17.34	178	661174	37.161 ng	99
72) Anthracene	17.43	178	667466	37.673 ng	100
73) Carbazole	17.71	167	621596	36.847 ng	98
74) Di-n-butylphthalate	18.27	149	783094	39.205 ng	100
75) Fluoranthene	19.35	202	857684	39.203 ng	99
77) Benzidine	19.54	184	458578	52.494 ng	97
78) Pyrene	19.72	202	844851	37.545 ng	100
80) Butylbenzylphthalate	20.61	149	349027	37.057 ng	96
81) Benzo(a)anthracene	21.54	228	795407	36.509 ng	99
82) 3,3'-Dichlorobenzidine	21.46	252	230342	27.951 ng	98
83) Chrysene	21.60	228	765538	36.329 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	481925	36.785 ng	99
85) Di-n-octyl phthalate	22.63	149	818167	36.204 ng	99
87) Indeno(1,2,3-cd)pyrene	28.20	276	963200	37.703 ng	99
88) Benzo(b)fluoranthene	23.69	252	848376	38.397 ng	98
89) Benzo(k)fluoranthene	23.75	252	825945	39.059 ng	99
90) Benzo(a)pyrene	24.52	252	771395	37.375 ng	100
91) Dibenzo(a,h)anthracene	28.26	278	790299	38.577 ng	98
92) Benzo(g,h,i)perylene	29.31	276	785167	38.292 ng	99

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

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