Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045695.D
Acq On : 10 Jun 2020 17:14
Operator : CG/JU
Sample : PB129455BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129455BS

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:00 PM

Quant Time: Jun 10 18:27:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	51314	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	209574	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	158591	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	372839	20.00	ng		0.00
76) Chrysene-d12	21.60	240	347433	20.00	ng		0.00
87) Perylene-d12	24.74	264	379135	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	415828	158.37	ng		0.00
7) Phenol-d6	7.14	99	599419	160.39	ng		0.00
23) Nitrobenzene-d5	9.11	82	378134	98.39	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	288779	142.38	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	891432	95.34	ng		0.00
79) Terphenyl-d14	19.96	244	1508333	101.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	51104	39.249	ng		94
3) Pyridine	3.80	79	148196	40.867	ng		97
4) n-Nitrosodimethylamine	3.71	42	61795	52.076	ng		99
6) Aniline	7.27	93	210471	43.142	ng		98
8) 2-Chlorophenol	7.52	128	157762	54.790	ng		99
9) Benzaldehyde	7.08	77	111513	45.799	ng		98
10) Phenol	7.17	94	214852	55.782	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	141967	47.255	ng		96
12) 1,3-Dichlorobenzene	7.84	146	163905	47.368	ng		99
13) 1,4-Dichlorobenzene	7.98	146	165807	48.556	ng		98
14) 1,2-Dichlorobenzene	8.30	146	157627	47.993	ng		98
15) Benzyl Alcohol	8.19	79	165494	53.606	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	134953	47.323	ng		99
17) 2-Methylphenol	8.41	107	144712	50.196	ng		99
18) Hexachloroethane	9.03	117	64129	49.034	ng		99
19) n-Nitroso-di-n-propylamine	8.75	70	132778	51.379	ng		97
20) 3+4-Methylphenols	8.74	107	197418	50.287	ng		92
22) Acetophenone	8.77	105	237819	47.879	ng	#	98
24) Nitrobenzene	9.15	77	207809	50.469	ng		94
25) Isophorone	9.68	82	374077	49.424	ng		99
26) 2-Nitrophenol	9.86	139	89462	50.790	ng		94
27) 2,4-Dimethylphenol	9.94	122	146044	55.903	ng		95
28) bis(2-Chloroethoxy)methane	10.16	93	205717	51.827	ng		97
29) 2,4-Dichlorophenol	10.42	162	168251	54.538	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	180688	49.566	ng		98
31) Naphthalene	10.80	128	479031	49.051	ng		100
32) Benzoic acid	10.11	122	66683	39.716	ng		91
33) 4-Chloroaniline	10.92	127	128036	31.364	ng		97
34) Hexachlorobutadiene	11.10	225	122987	47.728	ng		99
35) Caprolactam	11.69	113	57541m	50.815	ng		
36) 4-Chloro-3-methylphenol	12.06	107	195371	56.201	ng		97
37) 2-Methylnaphthalene	12.41	142	378265	51.967	ng		97
38) 1-Methylnaphthalene	12.63	142	358073	52.076	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	210874	47.605	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	267789	104.738	ng		97
43) 2,4,6-Trichlorophenol	13.03	196	148036	48.108	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	155815	44.311	ng		98
46) 1,1'-Biphenyl	13.42	154	483496	49.616	ng		98
47) 2-Chloronaphthalene	13.46	162	370143	46.776	ng		100
48) 2-Nitroaniline	13.67	65	128357	49.312	ng		98
49) Acenaphthylene	14.31	152	613286	48.251	ng		99
50) Dimethylphthalate	14.05	163	524068	48.171	ng		99
51) 2,6-Dinitrotoluene	14.16	165	117880	48.018	ng		99
52) Acenaphthene	14.66	154	371629	43.680	ng		96
53) 3-Nitroaniline	14.50	138	81212	32.543	ng		98
54) 2,4-Dinitrophenol	14.71	184	132419	82.184	ng		95
55) Dibenzofuran	14.99	168	601739	47.626	ng		98
56) 4-Nitrophenol	14.84	139	152714	80.829	ng		86
57) 2,4-Dinitrotoluene	14.96	165	165857	46.650	ng		97
58) Fluorene	15.64	166	506881	48.833	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	147762	47.763	ng		97
60) Diethylphthalate	15.42	149	532215	47.001	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	283968	47.808	ng		97
62) 4-Nitroaniline	15.67	138	116269	44.629	ng		93
63) Azobenzene	15.93	77	517754	49.037	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	103585	47.704	ng		96
66) n-Nitrosodiphenylamine	15.85	169	448639	50.117	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	193159	47.844	ng		94
68) Hexachlorobenzene	16.65	284	212285	50.273	ng		99
69) Atrazine	16.80	200	174823	47.414	ng		98
70) Pentachlorophenol	17.00	266	190176	86.737	ng		96
71) Phenanthrene	17.38	178	812024	49.889	ng		99
72) Anthracene	17.47	178	825104	50.479	ng		98
73) Carbazole	17.75	167	753209	47.274	ng		98
74) Di-n-butylphthalate	18.31	149	907097	47.434	ng		100
75) Fluoranthene	19.39	202	1011828	48.874	ng		100
77) Benzidine	19.57	184	539279	55.266	ng		99
78) Pyrene	19.76	202	986153	49.793	ng		99
80) Butylbenzylphthalate	20.64	149	398388	46.603	ng		98
81) Benzo(a)anthracene	21.58	228	950054	49.087	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	273343	36.004	ng		97
83) Chrysene	21.64	228	916204	49.232	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	565623	48.134	ng		98
85) Di-n-octyl phthalate	22.67	149	952067	47.172	ng		100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1192969	49.021	ng	#	96
88) Benzo(b)fluoranthene	23.75	252	1053830	51.827	ng		99
89) Benzo(k)fluoranthene	23.81	252	991425	51.899	ng		98
90) Benzo(a)pyrene	24.59	252	950089	50.171	ng		98
91) Dibenzo(a,h)anthracene	28.36	278	965497	50.736	ng		98
92) Benzo(g,h,i)perylene	29.42	276	973018	51.124	ng		96

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

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