Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121820\
Data File : BG047772.D
Acq On : 18 Dec 2020 12:43
Operator : CG/JU
Sample : PB133650BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 18 13:40:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB133650BS

Manual Integrations APPROVED
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12/21/2020 10:41:15 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.204	152	29966	20.00	ng		# 0.00
21) Naphthalene-d8	11.030	136	110707	20.00	ng		# 0.00
39) Acenaphthene-d10	14.825	164	84129	20.00	ng		0.00
64) Phenanthrene-d10	17.563	188	217134	20.00	ng		# 0.00
76) Chrysene-d12	21.835	240	204749	20.00	ng		# 0.00
86) Perylene-d12	25.190	264	214679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.730	112	228949	132.17	ng		0.00
7) Phenol-d6	7.346	99	308163	121.70	ng		0.00
23) Nitrobenzene-d5	9.373	82	200350	66.57	ng		0.00
42) 2,4,6-Tribromophenol	16.306	330	166870	116.19	ng		0.00
45) 2-Fluorobiphenyl	13.451	172	455637	70.08	ng		0.00
79) Terphenyl-d14	20.143	244	850590	68.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.550	88	27352	36.75	ng	#	83
3) Pyridine	3.962	79	74187	38.63	ng	#	83
4) n-Nitrosodimethylamine	3.874	42	72758	47.87	ng	#	41
6) Aniline	7.516	93	104562	37.23	ng		91
8) 2-Chlorophenol	7.763	128	85288	48.30	ng		91
9) Benzaldehyde	7.322	77	23204m	13.98	ng		
10) Phenol	7.375	94	113921	49.62	ng	#	56
11) bis(2-Chloroethyl)ether	7.610	93	73296	44.80	ng		97
12) 1,3-Dichlorobenzene	8.092	146	101451	42.62	ng	#	87
13) 1,4-Dichlorobenzene	8.239	146	101315m	42.60	ng		
14) 1,2-Dichlorobenzene	8.562	146	96221	43.02	ng		91
15) Benzyl Alcohol	8.433	79	109855	48.97	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.733	45	70015	43.08	ng		88
17) 2-Methylphenol	8.639	107	76671	47.33	ng	#	77
18) Hexachloroethane	9.297	117	39200	42.04	ng		95
19) n-Nitroso-di-n-propyla...	9.003	70	77767	44.13	ng	#	92
20) 3+4-Methylphenols	8.968	107	105050	47.34	ng		85
22) Acetophenone	9.026	105	137612	43.43	ng	#	89
24) Nitrobenzene	9.414	77	127711	44.96	ng	#	80
25) Isophorone	9.937	82	206496	45.50	ng	#	92
26) 2-Nitrophenol	10.131	139	50712	45.12	ng	#	38
27) 2,4-Dimethylphenol	10.178	122	85843	53.06	ng	#	82
28) bis(2-Chloroethoxy)met...	10.419	93	96810	41.27	ng		97
29) 2,4-Dichlorophenol	10.666	162	96939	46.01	ng		95
30) 1,2,4-Trichlorobenzene	10.889	180	115677	42.80	ng		94
31) Naphthalene	11.083	128	269317	44.26	ng		98
32) Benzoic acid	10.307	122	24726	29.11	ng	#	79
33) 4-Chloroaniline	11.177	127	57220	22.13	ng	#	91
34) Hexachlorobutadiene	11.359	225	98374	41.27	ng		93
35) Caprolactam	11.941	113	29871m	44.65	ng		
36) 4-Chloro-3-methylphenol	12.281	107	105404	45.78	ng		88
37) 2-Methylnaphthalene	12.669	142	207062	43.87	ng	#	88
38) 1-Methylnaphthalene	12.886	142	193715	43.42	ng	#	96
40) 1,2,4,5-Tetrachloroben...	13.033	216	151174	43.78	ng	#	96
41) Hexachlorocyclopentadiene	13.010	237	217314	116.23	ng		99
43) 2,4,6-Trichlorophenol	13.262	196	97619	44.25	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.333	196	99074	45.39	ng	#	86
46) 1,1'-Biphenyl	13.662	154	284421	44.30	ng		94
47) 2-Chloronaphthalene	13.709	162	225097	43.12	ng		96
48) 2-Nitroaniline	13.903	65	81890	42.45	ng	#	70
49) Acenaphthylene	14.549	152	344610	44.48	ng		98
50) Dimethylphthalate	14.267	163	311010	42.89	ng		99
51) 2,6-Dinitrotoluene	14.391	165	67007	45.45	ng	#	50
52) Acenaphthene	14.890	154	283741m	51.93	ng		
53) 3-Nitroaniline	14.720	138	41460	28.38	ng	#	65
54) 2,4-Dinitrophenol	14.925	184	87984	93.16	ng	#	43
55) Dibenzofuran	15.219	168	352155	44.45	ng		93
56) 4-Nitrophenol	15.019	139	95072	90.28	ng	#	11
57) 2,4-Dinitrotoluene	15.178	165	93223	42.54	ng	#	69
58) Fluorene	15.865	166	296376	44.04	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.442	232	98605	44.22	ng	#	91
60) Diethylphthalate	15.624	149	301117	43.07	ng		98
61) 4-Chlorophenyl-phenyle...	15.854	204	186169	43.90	ng		95
62) 4-Nitroaniline	15.877	138	63179	39.32	ng	#	19
63) Azobenzene	16.147	77	292287	44.84	ng		84
65) 4,6-Dinitro-2-methylph...	15.936	198	63852	46.02	ng		83
66) n-Nitrosodiphenylamine	16.065	169	268664	43.24	ng		95
67) 4-Bromophenyl-phenylether	16.747	248	123034	42.17	ng	#	92
68) Hexachlorobenzene	16.870	284	130696	41.29	ng	#	95
69) Atrazine	16.999	200	98073	37.58	ng		94
70) Pentachlorophenol	17.211	266	157120	69.71	ng		100
71) Phenanthrene	17.604	178	504888	43.13	ng		97
72) Anthracene	17.698	178	507809	44.74	ng		96
73) Carbazole	17.957	167	427313	43.00	ng		97
74) Di-n-butylphthalate	18.498	149	494653	42.23	ng	#	95
75) Fluoranthene	19.596	202	684387	43.61	ng		93
77) Benzidine	19.767	184	185674	33.72	ng		100
78) Pyrene	19.961	202	664278	45.29	ng		96
80) Butylbenzylphthalate	20.824	149	212832	42.31	ng	#	83
81) Benzo(a)anthracene	21.817	228	651020	44.27	ng		99
82) 3,3'-Dichlorobenzidine	21.723	252	165071	31.89	ng	#	94
83) Chrysene	21.888	228	616530	44.39	ng		97
84) Bis(2-ethylhexyl)phtha...	21.700	149	309855	44.69	ng		95
85) Di-n-octyl phthalate	22.951	149	530044	45.09	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.038	276	764395	46.90	ng	#	83
88) Benzo(b)fluoranthene	24.120	252	716060	48.38	ng	#	94
89) Benzo(k)fluoranthene	24.191	252	670316	46.71	ng	#	93
90) Benzo(a)pyrene	25.031	252	624109	45.31	ng	#	94
91) Dibenzo(a,h)anthracene	29.103	278	629346	47.65	ng	#	93
92) Benzo(g,h,i)perylene	30.248	276	634905	49.16	ng	#	87

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

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