Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
Data File : BG049166.D
Acq On : 2 Jul 2021 13:56
Operator : CG/JU
Sample : PB137489BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 02 14:50:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB137489BS

Manual Integrations APPROVED
mohammad
7/7/2021 11:34:32 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	36994	20.00	ng		0.00
21) Naphthalene-d8	10.910	136	157236	20.00	ng		# 0.00
39) Acenaphthene-d10	14.735	164	113560	20.00	ng		0.00
64) Phenanthrene-d10	17.479	188	260807	20.00	ng		# 0.00
76) Chrysene-d12	21.768	240	246922	20.00	ng		0.00
86) Perylene-d12	25.070	264	259572	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	306468	129.75	ng		0.00
7) Phenol-d6	7.244	99	404977	120.26	ng		0.00
23) Nitrobenzene-d5	9.259	82	282106	76.07	ng		0.00
42) 2,4,6-Tribromophenol	16.222	330	228026	115.83	ng		0.00
45) 2-Fluorobiphenyl	13.354	172	643951	76.50	ng		0.00
79) Terphenyl-d14	20.088	244	1124699	77.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.507	88	30857	29.76	ng	#	84
3) Pyridine	3.912	79	76510	27.29	ng		91
4) n-Nitrosodimethylamine	3.830	42	60463	37.97	ng	#	81
6) Aniline	7.402	93	160836	39.23	ng		93
8) 2-Chlorophenol	7.649	128	110662	42.70	ng		89
9) Benzaldehyde	7.220	77	77161	43.56	ng	#	81
10) Phenol	7.267	94	145148	42.91	ng		92
11) bis(2-Chloroethyl)ether	7.502	93	101046	40.95	ng		87
12) 1,3-Dichlorobenzene	7.978	146	112744	38.90	ng		97
13) 1,4-Dichlorobenzene	8.125	146	114003	39.11	ng		97
14) 1,2-Dichlorobenzene	8.442	146	110873	39.51	ng		91
15) Benzyl Alcohol	8.325	79	125011	42.16	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.613	45	165324	39.47	ng		86
17) 2-Methylphenol	8.525	107	97998	42.99	ng		96
18) Hexachloroethane	9.183	117	46592	40.03	ng		97
19) n-Nitroso-di-n-propyla...	8.895	70	95598	39.50	ng	#	93
20) 3+4-Methylphenols	8.860	107	134693	42.62	ng		99
22) Acetophenone	8.912	105	183154	39.05	ng	#	96
24) Nitrobenzene	9.300	77	148467	36.95	ng		95
25) Isophorone	9.823	82	248852	34.93	ng		98
26) 2-Nitrophenol	10.011	139	62091	38.81	ng		96
27) 2,4-Dimethylphenol	10.070	122	105890	44.12	ng		95
28) bis(2-Chloroethoxy)met...	10.305	93	137896	41.05	ng		95
29) 2,4-Dichlorophenol	10.552	162	116240	40.38	ng		90
30) 1,2,4-Trichlorobenzene	10.769	180	126655	37.36	ng		97
31) Naphthalene	10.957	128	338934	37.02	ng		99
32) Benzoic acid	10.229	122	73606	39.28	ng	#	72
33) 4-Chloroaniline	11.063	127	96844	25.58	ng		96
34) Hexachlorobutadiene	11.245	225	89440	35.71	ng		94
35) Caprolactam	11.844	113	36891m	40.38	ng		
36) 4-Chloro-3-methylphenol	12.185	107	132171	39.91	ng		97
37) 2-Methylnaphthalene	12.561	142	260045	37.72	ng		95
38) 1-Methylnaphthalene	12.779	142	240242	36.80	ng		93
40) 1,2,4,5-Tetrachloroben...	12.931	216	151327	38.20	ng		98
41) Hexachlorocyclopentadiene	12.908	237	235848	100.50	ng		94
43) 2,4,6-Trichlorophenol	13.160	196	105333	38.50	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	117691	39.34	ng		90
46) 1,1'-Biphenyl	13.566	154	330603	38.97	ng		98
47) 2-Chloronaphthalene	13.613	162	258911	37.09	ng		97
48) 2-Nitroaniline	13.807	65	100679	39.55	ng		96
49) Acenaphthylene	14.459	152	426371	38.74	ng		96
50) Dimethylphthalate	14.183	163	355805	39.04	ng		98
51) 2,6-Dinitrotoluene	14.300	165	78182	37.42	ng		92
52) Acenaphthene	14.800	154	257981	37.61	ng		96
53) 3-Nitroaniline	14.635	138	59598	29.70	ng		92
54) 2,4-Dinitrophenol	14.841	184	93104	65.87	ng		89
55) Dibenzofuran	15.129	168	413708	37.05	ng		98
56) 4-Nitrophenol	14.941	139	128788	78.75	ng	#	91
57) 2,4-Dinitrotoluene	15.088	165	113143	38.12	ng		97
58) Fluorene	15.781	166	346837	37.56	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.352	232	109549	39.34	ng		98
60) Diethylphthalate	15.540	149	380058	39.36	ng		98
61) 4-Chlorophenyl-phenyle...	15.769	204	190230	37.21	ng		97
62) 4-Nitroaniline	15.799	138	77645	37.24	ng		89
63) Azobenzene	16.063	77	359705	36.95	ng		90
65) 4,6-Dinitro-2-methylph...	15.851	198	63200	33.92	ng		93
66) n-Nitrosodiphenylamine	15.981	169	303716	37.23	ng		97
67) 4-Bromophenyl-phenylether	16.662	248	132884	37.77	ng		97
68) Hexachlorobenzene	16.786	284	145392	37.38	ng		99
69) Atrazine	16.932	200	131165	48.42	ng		97
70) Pentachlorophenol	17.132	266	183460	81.03	ng		98
71) Phenanthrene	17.526	178	560643	37.33	ng		98
72) Anthracene	17.614	178	575437	38.44	ng		99
73) Carbazole	17.884	167	519723	36.41	ng		98
74) Di-n-butylphthalate	18.437	149	641952	39.12	ng		99
75) Fluoranthene	19.529	202	691717	36.79	ng		99
77) Benzidine	19.706	184	412538	77.78	ng		97
78) Pyrene	19.894	202	683762	37.28	ng		96
80) Butylbenzylphthalate	20.769	149	266208	38.31	ng		96
81) Benzo(a)anthracene	21.744	228	666189	36.17	ng		99
82) 3,3'-Dichlorobenzidine	21.656	252	184854	29.50	ng		100
83) Chrysene	21.815	228	644073	36.81	ng		97
84) Bis(2-ethylhexyl)phtha...	21.645	149	381394	38.86	ng		96
85) Di-n-octyl phthalate	22.890	149	638649	38.67	ng		97
87) Indeno(1,2,3-cd)pyrene	28.860	276	797979	38.53	ng	#	96
88) Benzo(b)fluoranthene	24.018	252	700573	37.40	ng	#	96
89) Benzo(k)fluoranthene	24.089	252	674955	37.77	ng	#	98
90) Benzo(a)pyrene	24.917	252	684816	39.63	ng	#	97
91) Dibenzo(a,h)anthracene	28.936	278	665681	38.08	ng	#	97
92) Benzo(g,h,i)perylene	30.047	276	659679	38.28	ng		99

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

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