Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110420\
Data File : BG047212.D
Acq On : 4 Nov 2020 14:34
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 15:23:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 14:01:38 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
11/5/2020 11:31:52 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.008	152	48792	20.00	ng	#	0.00
21) Naphthalene-d8	10.817	136	180555	20.00	ng		0.00
39) Acenaphthene-d10	14.642	164	129281	20.00	ng		0.00
64) Phenanthrene-d10	17.386	188	316693	20.00	ng	#	0.00
76) Chrysene-d12	21.651	240	329440	20.00	ng	#	0.00
86) Perylene-d12	24.842	264	349219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.558	112	367283	122.09	ng		0.00
7) Phenol-d6	7.162	99	536252	124.17	ng		0.00
23) Nitrobenzene-d5	9.172	82	525469	124.49	ng		0.00
42) 2,4,6-Tribromophenol	16.134	330	281371	130.97	ng		0.00
45) 2-Fluorobiphenyl	13.267	172	1200696	117.61	ng		0.00
79) Terphenyl-d14	19.994	244	2207798	117.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	88544	59.43	ng		96
3) Pyridine	3.831	79	243802m	60.90	ng		
4) n-Nitrosodimethylamine	3.749	42	125305	62.20	ng	#	67
6) Aniline	7.327	93	318264	60.96	ng		92
8) 2-Chlorophenol	7.568	128	192586	61.15	ng		91
9) Benzaldehyde	7.139	77	173252	57.05	ng		87
10) Phenol	7.192	94	253940	61.41	ng		80
11) bis(2-Chloroethyl)ether	7.421	93	193321	58.66	ng		94
12) 1,3-Dichlorobenzene	7.897	146	248739	59.28	ng	#	93
13) 1,4-Dichlorobenzene	8.044	146	249832m	59.27	ng		
14) 1,2-Dichlorobenzene	8.361	146	233674m	58.59	ng		
15) Benzyl Alcohol	8.243	79	217456	65.22	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.531	45	299724	57.88	ng		99
17) 2-Methylphenol	8.443	107	170848	61.94	ng	#	88
18) Hexachloroethane	9.095	117	92826	59.51	ng		98
19) n-Nitroso-di-n-propyla...	8.813	70	174513	59.19	ng		91
20) 3+4-Methylphenols	8.778	107	229359	59.75	ng		91
22) Acetophenone	8.831	105	321768	61.02	ng	#	92
24) Nitrobenzene	9.213	77	262043	61.13	ng	#	87
25) Isophorone	9.736	82	450160	61.15	ng	#	95
26) 2-Nitrophenol	9.924	139	121283	65.25	ng	#	79
27) 2,4-Dimethylphenol	9.983	122	155113	62.17	ng		88
28) bis(2-Chloroethoxy)met...	10.218	93	270703	60.81	ng		99
29) 2,4-Dichlorophenol	10.459	162	217170	62.68	ng		97
30) 1,2,4-Trichlorobenzene	10.682	180	257697	60.99	ng		99
31) Naphthalene	10.870	128	627022	59.75	ng		99
32) Benzoic acid	10.141	122	136255	84.54	ng	#	87
33) 4-Chloroaniline	10.970	127	275530	63.92	ng	#	93
34) Hexachlorobutadiene	11.152	225	193844	61.31	ng		96
35) Caprolactam	11.751	113	73492	75.01	ng		91
36) 4-Chloro-3-methylphenol	12.092	107	225907	63.59	ng		90
37) 2-Methylnaphthalene	12.474	142	478487	61.32	ng	#	95
38) 1-Methylnaphthalene	12.691	142	450544	59.99	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.838	216	306736	60.03	ng		96
41) Hexachlorocyclopentadiene	12.820	237	173737	65.66	ng		99
43) 2,4,6-Trichlorophenol	13.073	196	208124	63.54	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.150	196	217703	64.82	ng	#	95
46) 1,1'-Biphenyl	13.479	154	638519	60.16	ng		98
47) 2-Chloronaphthalene	13.520	162	527088	60.07	ng		97
48) 2-Nitroaniline	13.719	65	185954	64.42	ng	#	79
49) Acenaphthylene	14.366	152	766043	60.36	ng		98
50) Dimethylphthalate	14.095	163	705929	61.30	ng		99
51) 2,6-Dinitrotoluene	14.219	165	151638	62.40	ng	#	74
52) Acenaphthene	14.707	154	500532	61.09	ng		97
53) 3-Nitroaniline	14.548	138	155305	66.39	ng		82
54) 2,4-Dinitrophenol	14.754	184	104791	82.42	ng	#	77
55) Dibenzofuran	15.041	168	806102	60.44	ng		95
56) 4-Nitrophenol	14.848	139	126253	72.15	ng	#	64
57) 2,4-Dinitrotoluene	15.000	165	221903	64.70	ng	#	77
58) Fluorene	15.694	166	657277	61.83	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.265	232	225354	63.90	ng	#	96
60) Diethylphthalate	15.459	149	703933	62.14	ng		97
61) 4-Chlorophenyl-phenyle...	15.682	204	391129	62.02	ng		99
62) 4-Nitroaniline	15.711	138	165013	65.55	ng	#	63
63) Azobenzene	15.976	77	620544	61.03	ng		91
65) 4,6-Dinitro-2-methylph...	15.770	198	142003	80.06	ng		89
66) n-Nitrosodiphenylamine	15.899	169	595697	60.78	ng		99
67) 4-Bromophenyl-phenylether	16.575	248	274786	61.79	ng		97
68) Hexachlorobenzene	16.698	284	292977	60.56	ng		96
69) Atrazine	16.839	200	255910	60.50	ng		98
70) Pentachlorophenol	17.039	266	177517	89.46	ng		95
71) Phenanthrene	17.433	178	1119352	60.73	ng		98
72) Anthracene	17.521	178	1080949	60.43	ng		99
73) Carbazole	17.791	167	974984	62.00	ng		99
74) Di-n-butylphthalate	18.343	149	1190224	61.37	ng	#	98
75) Fluoranthene	19.436	202	1402636	59.53	ng		97
77) Benzidine	19.618	184	712349	63.85	ng		99
78) Pyrene	19.801	202	1388049	59.84	ng		100
80) Butylbenzylphthalate	20.682	149	553497	63.16	ng		92
81) Benzo(a)anthracene	21.628	228	1412340	60.85	ng		100
82) 3,3'-Dichlorobenzidine	21.546	252	523327	65.85	ng		99
83) Chrysene	21.698	228	1357990	60.82	ng		99
84) Bis(2-ethylhexyl)phtha...	21.534	149	773300	63.79	ng		97
85) Di-n-octyl phthalate	22.732	149	1295008	63.48	ng		96
87) Indeno(1,2,3-cd)pyrene	28.484	276	1674584	63.07	ng	#	84
88) Benzo(b)fluoranthene	23.831	252	1473877	61.65	ng	#	97
89) Benzo(k)fluoranthene	23.902	252	1434971	61.67	ng	#	96
90) Benzo(a)pyrene	24.695	252	1370072	61.45	ng	#	97
91) Dibenzo(a,h)anthracene	28.549	278	1341694	62.97	ng	#	95
92) Benzo(g,h,i)perylene	29.630	276	1336876	62.89	ng	#	93

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

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