Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121820\
Data File : BG047770.D
Acq On : 18 Dec 2020 11:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 18 12:31:35 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 :
SSTDCCC040

Manual Integrations APPROVED

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12/21/2020 10:41:12 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.203	152	30938	20.00	ng		0.00
21) Naphthalene-d8	11.029	136	106247	20.00	ng	#	0.00
39) Acenaphthene-d10	14.825	164	80209	20.00	ng		0.00
64) Phenanthrene-d10	17.563	188	208163	20.00	ng	#	0.00
76) Chrysene-d12	21.834	240	214235	20.00	ng	#	0.00
86) Perylene-d12	25.183	264	241857	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.723	112	121064	67.69	ng		0.00
7) Phenol-d6	7.339	99	175845	67.26	ng		0.00
23) Nitrobenzene-d5	9.372	82	201507	69.76	ng		0.00
42) 2,4,6-Tribromophenol	16.305	330	98898	72.22	ng		0.00
45) 2-Fluorobiphenyl	13.450	172	440284	71.03	ng		0.00
79) Terphenyl-d14	20.142	244	898609	69.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	26426	34.39	ng	#	82
3) Pyridine	3.973	79	68097	34.34	ng	#	77
4) n-Nitrosodimethylamine	3.884	42	54592	34.79	ng	#	46
6) Aniline	7.516	93	92792	32.00	ng	#	88
8) 2-Chlorophenol	7.762	128	60602	33.24	ng		96
9) Benzaldehyde	7.327	77	51504	30.06	ng		87
10) Phenol	7.369	94	79733	33.64	ng	#	46
11) bis(2-Chloroethyl)ether	7.610	93	54550	32.30	ng		97
12) 1,3-Dichlorobenzene	8.091	146	81192	33.04	ng	#	86
13) 1,4-Dichlorobenzene	8.238	146	81963m	33.38	ng		
14) 1,2-Dichlorobenzene	8.561	146	78092	33.82	ng		89
15) Benzyl Alcohol	8.432	79	77828	33.60	ng	#	80
16) 2,2'-oxybis(1-Chloropr...	8.726	45	53916	32.13	ng		80
17) 2-Methylphenol	8.632	107	53073	31.73	ng	#	79
18) Hexachloroethane	9.302	117	33146	34.43	ng		96
19) n-Nitroso-di-n-propyla...	9.002	70	56665	31.15	ng	#	89
20) 3+4-Methylphenols	8.961	107	73352	32.01	ng	#	80
22) Acetophenone	9.026	105	106929	35.17	ng	#	88
24) Nitrobenzene	9.413	77	91550	33.58	ng	#	81
25) Isophorone	9.936	82	150378	34.53	ng	#	93
26) 2-Nitrophenol	10.130	139	37589	34.85	ng	#	43
27) 2,4-Dimethylphenol	10.177	122	56124	36.15	ng		88
28) bis(2-Chloroethoxy)met...	10.412	93	76752	34.09	ng		94
29) 2,4-Dichlorophenol	10.665	162	69908	34.58	ng		93
30) 1,2,4-Trichlorobenzene	10.888	180	92075	35.49	ng		98
31) Naphthalene	11.076	128	209535	35.88	ng		100
32) Benzoic acid	10.295	122	13295	16.31	ng		92
33) 4-Chloroaniline	11.176	127	85272	34.37	ng	#	84
34) Hexachlorobutadiene	11.358	225	80327	35.11	ng		97
35) Caprolactam	11.940	113	21694	33.79	ng	#	76
36) 4-Chloro-3-methylphenol	12.281	107	77551	35.10	ng		87
37) 2-Methylnaphthalene	12.668	142	159174	35.14	ng	#	87
38) 1-Methylnaphthalene	12.886	142	149329	34.88	ng	#	96
40) 1,2,4,5-Tetrachloroben...	13.033	216	114878	34.90	ng	#	97
41) Hexachlorocyclopentadiene	13.009	237	66335	37.21	ng		98
43) 2,4,6-Trichlorophenol	13.262	196	75404	35.85	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.332	196	72639	34.90	ng	#	90
46) 1,1'-Biphenyl	13.661	154	214834	35.10	ng		98
47) 2-Chloronaphthalene	13.708	162	176738	35.51	ng		95
48) 2-Nitroaniline	13.902	65	66677	36.25	ng	#	72
49) Acenaphthylene	14.548	152	260580	35.28	ng		99
50) Dimethylphthalate	14.266	163	242400	35.06	ng		97
51) 2,6-Dinitrotoluene	14.384	165	51130	36.38	ng	#	44
52) Acenaphthene	14.889	154	189815	36.43	ng		93
53) 3-Nitroaniline	14.719	138	51388	36.90	ng	#	74
54) 2,4-Dinitrophenol	14.924	184	31687	35.19	ng	#	49
55) Dibenzofuran	15.218	168	267506	35.42	ng		90
56) 4-Nitrophenol	15.013	139	37312	37.16	ng	#	26
57) 2,4-Dinitrotoluene	15.171	165	73378	35.12	ng	#	59
58) Fluorene	15.865	166	231631	36.11	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.442	232	78256m	36.81	ng		
60) Diethylphthalate	15.618	149	235269	35.29	ng		94
61) 4-Chlorophenyl-phenyle...	15.853	204	142430	35.23	ng		95
62) 4-Nitroaniline	15.876	138	54958	35.87	ng	#	13
63) Azobenzene	16.141	77	226301	36.41	ng		80
65) 4,6-Dinitro-2-methylph...	15.929	198	46099	34.66	ng		81
66) n-Nitrosodiphenylamine	16.064	169	206482	34.66	ng		89
67) 4-Bromophenyl-phenylether	16.746	248	97697	34.93	ng		91
68) Hexachlorobenzene	16.869	284	103875	34.23	ng	#	93
69) Atrazine	16.999	200	86603	34.61	ng		95
70) Pentachlorophenol	17.204	266	57645	37.79	ng		93
71) Phenanthrene	17.604	178	388295m	34.60	ng		
72) Anthracene	17.692	178	385778	35.46	ng		95
73) Carbazole	17.956	167	332882	34.94	ng		97
74) Di-n-butylphthalate	18.497	149	394579	35.14	ng	#	94
75) Fluoranthene	19.595	202	532695	35.41	ng		94
77) Benzidine	19.766	184	229701	39.87	ng		98
78) Pyrene	19.960	202	517522	33.72	ng		94
80) Butylbenzylphthalate	20.823	149	185877	35.32	ng	#	86
81) Benzo(a)anthracene	21.816	228	537417	34.92	ng		96
82) 3,3'-Dichlorobenzidine	21.722	252	191175	35.30	ng	#	93
83) Chrysene	21.881	228	506788	34.87	ng		96
84) Bis(2-ethylhexyl)phtha...	21.693	149	248707	34.29	ng	#	95
85) Di-n-octyl phthalate	22.945	149	430518	35.00	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.026	276	632352	34.44	ng	#	67
88) Benzo(b)fluoranthene	24.120	252	584888	35.07	ng	#	92
89) Benzo(k)fluoranthene	24.190	252	556902	34.45	ng	#	95
90) Benzo(a)pyrene	25.024	252	541824	34.92	ng	#	94
91) Dibenzo(a,h)anthracene	29.090	278	514763	34.60	ng	#	92
92) Benzo(g,h,i)perylene	30.236	276	509578	35.02	ng	#	86

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

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