Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
Data File : BG047937.D
Acq On : 20 Jan 2021 13:56
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 20 15:55:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 15:51:45 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.155	152	47355	20.00	ng		0.00
21) Naphthalene-d8	10.970	136	172116	20.00	ng	#	0.00
39) Acenaphthene-d10	14.777	164	127185	20.00	ng		0.00
64) Phenanthrene-d10	17.521	188	319670	20.00	ng	#	0.00
76) Chrysene-d12	21.804	240	331350	20.00	ng	#	0.00
86) Perylene-d12	25.112	264	363399	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.705	112	403452	154.96	ng		0.00
7) Phenol-d6	7.297	99	613486	154.17	ng		0.00
23) Nitrobenzene-d5	9.319	82	601526	171.48	ng		0.00
42) 2,4,6-Tribromophenol	16.263	330	298070	176.47	ng		0.00
45) 2-Fluorobiphenyl	13.408	172	1319567	138.11	ng		0.00
79) Terphenyl-d14	20.124	244	2341190	130.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	94327	66.81	ng	#	83
3) Pyridine	3.995	79	290831m	70.10	ng		
4) n-Nitrosodimethylamine	3.907	42	147981	70.96	ng	#	69
6) Aniline	7.480	93	371918	72.69	ng		90
8) 2-Chlorophenol	7.715	128	209707	80.46	ng		84
9) Benzaldehyde	7.286	77	150309	57.51	ng		84
10) Phenol	7.327	94	291391	76.72	ng		75
11) bis(2-Chloroethyl)ether	7.568	93	230069	71.31	ng		89
12) 1,3-Dichlorobenzene	8.044	146	266089	70.11	ng	#	90
13) 1,4-Dichlorobenzene	8.191	146	266138	70.99	ng		96
14) 1,2-Dichlorobenzene	8.514	146	246825m	68.78	ng		
15) Benzyl Alcohol	8.384	79	261661	84.44	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.684	45	392725	69.82	ng		98
17) 2-Methylphenol	8.584	107	196893	79.57	ng	#	85
18) Hexachloroethane	9.248	117	100637	79.17	ng		97
19) n-Nitroso-di-n-propyla...	8.966	70	218891	74.97	ng		92
20) 3+4-Methylphenols	8.919	107	271380	81.80	ng		90
22) Acetophenone	8.978	105	375186	73.79	ng	#	87
24) Nitrobenzene	9.366	77	304896	83.97	ng	#	83
25) Isophorone	9.889	82	550976	78.21	ng	#	94
27) 2,4-Dimethylphenol	10.124	122	182012	82.62	ng		89
28) bis(2-Chloroethoxy)met...	10.364	93	322303	74.87	ng		96
30) 1,2,4-Trichlorobenzene	10.829	180	289226	73.97	ng		97
31) Naphthalene	11.023	128	703970	73.17	ng		99
33) 4-Chloroaniline	11.122	127	317123	75.86	ng	#	90
34) Hexachlorobutadiene	11.310	225	219381	74.51	ng		97
35) Caprolactam	11.910	113	86791m	92.91	ng		
37) 2-Methylnaphthalene	12.615	142	539323	75.02	ng	#	92
38) 1-Methylnaphthalene	12.832	142	500923	74.10	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.979	216	348535	71.12	ng	#	97
41) Hexachlorocyclopentadiene	12.961	237	184583	90.73	ng		99
46) 1,1'-Biphenyl	13.614	154	695095	71.98	ng		100
47) 2-Chloronaphthalene	13.661	162	564165	71.21	ng		95
49) Acenaphthylene	14.501	152	874901	72.39	ng		99
50) Dimethylphthalate	14.231	163	787440	83.03	ng		100
52) Acenaphthene	14.842	154	592935	75.50	ng		98

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53) 3-Nitroaniline	14.671	138	176407	87.38	ng	#	74
54) 2,4-Dinitrophenol	14.871	184	82345	92.99	ng	#	77
55) Dibenzofuran	15.176	168	861723	71.59	ng		92
56) 4-Nitrophenol	14.965	139	138860	89.60	ng	#	61
58) Fluorene	15.823	166	733470	72.32	ng		98
61) 4-Chlorophenyl-phenyle...	15.811	204	447435	73.32	ng		97
62) 4-Nitroaniline	15.840	138	191307	83.16	ng	#	65
63) Azobenzene	16.105	77	763462	73.07	ng		89
65) 4,6-Dinitro-2-methylph...	15.893	198	110149	96.36	ng		87
66) n-Nitrosodiphenylamine	16.028	169	678655	74.04	ng		97
67) 4-Bromophenyl-phenylether	16.710	248	311882	75.03	ng		95
68) Hexachlorobenzene	16.822	284	330580	73.69	ng	#	93
69) Atrazine	16.969	200	222643	77.48	ng		99
70) Pentachlorophenol	17.162	266	195339	90.37	ng		98
71) Phenanthrene	17.562	178	1224272	70.46	ng		99
72) Anthracene	17.656	178	1197585	70.96	ng		100
73) Carbazole	17.914	167	1088693	71.79	ng		97
75) Fluoranthene	19.560	202	1569877	68.18	ng		97
77) Benzidine	19.736	184	535283	73.43	ng		98
78) Pyrene	19.924	202	1561127	69.04	ng		98
81) Benzo(a)anthracene	21.786	228	1628070	71.46	ng		98
82) 3,3'-Dichlorobenzidine	21.692	252	581149	84.00	ng		99
83) Chrysene	21.851	228	1553302	70.78	ng		97
87) Indeno(1,2,3-cd)pyrene	28.907	276	2034738	75.74	ng	#	89
88) Benzo(b)fluoranthene	24.066	252	1753688	72.67	ng	#	97
89) Benzo(k)fluoranthene	24.142	252	1656305	71.00	ng	#	97
90) Benzo(a)pyrene	24.965	252	1643302	73.19	ng	#	98
91) Dibenzo(a,h)anthracene	28.996	278	1624090	75.02	ng	#	95
92) Benzo(g,h,i)perylene	30.112	276	1611874	73.88	ng	#	94

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

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