Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
Data File : BG047847.D
Acq On : 31 Dec 2020 14:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 15:17:46 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
mohammad
1/4/2021 11:51:52 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.200	152	40541	20.00	ng	#	0.00
21) Naphthalene-d8	11.026	136	145675	20.00	ng	#	0.00
39) Acenaphthene-d10	14.822	164	112760	20.00	ng		0.00
64) Phenanthrene-d10	17.560	188	296073	20.00	ng	#	0.00
76) Chrysene-d12	21.837	240	270798	20.00	ng	#	0.00
86) Perylene-d12	25.180	264	283732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.726	112	191161	81.57	ng		0.00
7) Phenol-d6	7.342	99	276914	80.83	ng		0.00
23) Nitrobenzene-d5	9.369	82	356734	90.07	ng		0.00
42) 2,4,6-Tribromophenol	16.302	330	164892	85.66	ng		0.00
45) 2-Fluorobiphenyl	13.447	172	789915	90.65	ng		0.00
79) Terphenyl-d14	20.145	244	1515076	92.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.553	88	32313	32.09	ng	#	80
3) Pyridine	3.970	79	93438	35.96	ng	#	80
4) n-Nitrosodimethylamine	3.876	42	74561	36.26	ng	#	42
6) Aniline	7.513	93	156335	41.14	ng	#	83
8) 2-Chlorophenol	7.759	128	94058	39.38	ng		93
9) Benzaldehyde	7.325	77	91854	40.91	ng		85
10) Phenol	7.372	94	123118	39.64	ng	#	48
11) bis(2-Chloroethyl)ether	7.607	93	87173	39.39	ng		93
12) 1,3-Dichlorobenzene	8.088	146	115818	35.97	ng	#	85
13) 1,4-Dichlorobenzene	8.235	146	115284	35.83	ng	#	92
14) 1,2-Dichlorobenzene	8.558	146	113342	37.46	ng	#	92
15) Benzyl Alcohol	8.435	79	119692	39.44	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.717	45	80528	36.62	ng		81
17) 2-Methylphenol	8.635	107	85751	39.13	ng	#	78
18) Hexachloroethane	9.293	117	48091	38.12	ng		92
19) n-Nitroso-di-n-propyla...	9.005	70	91276	38.29	ng	#	96
20) 3+4-Methylphenols	8.964	107	117153	39.02	ng	#	83
22) Acetophenone	9.028	105	167922	40.28	ng	#	91
24) Nitrobenzene	9.416	77	143646	38.43	ng	#	84
25) Isophorone	9.933	82	245631	41.13	ng	#	92
26) 2-Nitrophenol	10.127	139	62445	42.23	ng	#	51
27) 2,4-Dimethylphenol	10.180	122	94284	44.29	ng	#	82
28) bis(2-Chloroethoxy)met...	10.409	93	118953	38.53	ng		96
29) 2,4-Dichlorophenol	10.662	162	110612	39.90	ng		96
30) 1,2,4-Trichlorobenzene	10.885	180	139631	39.26	ng		97
31) Naphthalene	11.079	128	319077	39.85	ng		99
32) Benzoic acid	10.303	122	31351	28.05	ng	#	81
33) 4-Chloroaniline	11.173	127	135431	39.81	ng	#	87
34) Hexachlorobutadiene	11.355	225	110763	35.31	ng		95
35) Caprolactam	11.949	113	33013	37.50	ng	#	82
36) 4-Chloro-3-methylphenol	12.283	107	126783	41.85	ng		89
37) 2-Methylnaphthalene	12.665	142	252755	40.70	ng	#	90
38) 1-Methylnaphthalene	12.883	142	232311	39.57	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.030	216	183201	39.59	ng	#	96
41) Hexachlorocyclopentadiene	13.006	237	122185	48.76	ng		99
43) 2,4,6-Trichlorophenol	13.259	196	116141	39.27	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.335	196	120427	41.16	ng	#	90
46) 1,1'-Biphenyl	13.658	154	340182	39.53	ng		95
47) 2-Chloronaphthalene	13.711	162	267030	38.17	ng		94
48) 2-Nitroaniline	13.899	65	101469	39.25	ng	#	75
49) Acenaphthylene	14.546	152	420009	40.45	ng		97
50) Dimethylphthalate	14.269	163	357234	36.75	ng		99
51) 2,6-Dinitrotoluene	14.387	165	80774	40.88	ng	#	54
52) Acenaphthene	14.886	154	291914m	39.86	ng		
53) 3-Nitroaniline	14.716	138	76547	39.10	ng	#	76
54) 2,4-Dinitrophenol	14.922	184	50691	40.04	ng	#	52
55) Dibenzofuran	15.215	168	425224	40.05	ng		91
56) 4-Nitrophenol	15.016	139	69671	49.36	ng	#	28
57) 2,4-Dinitrotoluene	15.174	165	116683	39.72	ng	#	60
58) Fluorene	15.862	166	363371	40.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.439	232	122110	40.86	ng	#	95
60) Diethylphthalate	15.615	149	360043	38.42	ng		97
61) 4-Chlorophenyl-phenyle...	15.850	204	223524	39.33	ng		96
62) 4-Nitroaniline	15.873	138	81363	37.78	ng	#	24
63) Azobenzene	16.144	77	357453	40.91	ng		87
65) 4,6-Dinitro-2-methylph...	15.938	198	75614	39.97	ng		88
66) n-Nitrosodiphenylamine	16.061	169	332019	39.19	ng		96
67) 4-Bromophenyl-phenylether	16.743	248	148806	37.40	ng	#	92
68) Hexachlorobenzene	16.866	284	160945	37.29	ng	#	93
69) Atrazine	16.996	200	138376	38.89	ng		97
70) Pentachlorophenol	17.207	266	93459	41.24	ng		94
71) Phenanthrene	17.601	178	614468	38.50	ng		98
72) Anthracene	17.695	178	630837	40.76	ng		98
73) Carbazole	17.959	167	529945	39.11	ng		96
74) Di-n-butylphthalate	18.494	149	610772	38.24	ng	#	95
75) Fluoranthene	19.593	202	805756	37.65	ng		94
77) Benzidine	19.763	184	291080	39.97	ng		97
78) Pyrene	19.957	202	786771	40.55	ng		96
80) Butylbenzylphthalate	20.820	149	259750	39.04	ng		88
81) Benzo(a)anthracene	21.813	228	751056	38.61	ng		97
82) 3,3'-Dichlorobenzidine	21.719	252	296380	43.29	ng	#	99
83) Chrysene	21.884	228	714289	38.88	ng		98
84) Bis(2-ethylhexyl)phtha...	21.690	149	364338	39.74	ng		99
85) Di-n-octyl phthalate	22.942	149	605032	38.91	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.029	276	853291	39.61	ng	#	88
88) Benzo(b)fluoranthene	24.117	252	776495	39.69	ng	#	95
89) Benzo(k)fluoranthene	24.187	252	759141	40.03	ng	#	94
90) Benzo(a)pyrene	25.027	252	704529	38.70	ng	#	95
91) Dibenzo(a,h)anthracene	29.093	278	701735	40.20	ng	#	92
92) Benzo(g,h,i)perylene	30.233	276	703748	41.23	ng	#	89

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

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