Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033021\
Data File : BG048516.D
Acq On : 30 Mar 2021 19:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Mar 31 00:55:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 00:52:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	19102	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	76391	20.00	ng	0.00
39) Acenaphthene-d10	14.751	164	57008	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	138919	20.00	ng	0.00
76) Chrysene-d12	21.802	240	128007	20.00	ng	0.00
86) Perylene-d12	25.145	264	131282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	86836	75.17	ng	0.00
7) Phenol-d6	7.248	99	125081	74.42	ng	0.00
23) Nitrobenzene-d5	9.263	82	132043	69.11	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	60349	65.09	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	305115	76.99	ng	0.00
79) Terphenyl-d14	20.110	244	566168	79.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	16140	33.12	ng	100
3) Pyridine	3.911	79	45703	33.64	ng	100
4) n-Nitrosodimethylamine	3.823	42	28106	35.60	ng	100
6) Aniline	7.413	93	69538	34.98	ng	100
8) 2-Chlorophenol	7.659	128	47609	39.52	ng	100
9) Benzaldehyde	7.225	77	41442	39.12	ng	100
10) Phenol	7.272	94	60924	35.37	ng	100
11) bis(2-Chloroethyl)ether	7.507	93	43240	35.83	ng	100
12) 1,3-Dichlorobenzene	7.983	146	54323	37.91	ng	100
13) 1,4-Dichlorobenzene	8.130	146	54230	38.12	ng	100
14) 1,2-Dichlorobenzene	8.453	146	52093	38.17	ng	100
15) Benzyl Alcohol	8.335	79	52300	35.05	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.623	45	43340	31.41	ng	100
17) 2-Methylphenol	8.535	107	40331	36.93	ng	100
18) Hexachloroethane	9.193	117	21309	38.94	ng	100
19) n-Nitroso-di-n-propyla...	8.905	70	42369	33.96	ng	100
20) 3+4-Methylphenols	8.864	107	56122	37.51	ng	100
22) Acetophenone	8.923	105	79701	37.10	ng	100
24) Nitrobenzene	9.310	77	64072	31.30	ng	100
25) Isophorone	9.833	82	119973	32.80	ng	100
26) 2-Nitrophenol	10.027	139	27559	35.43	ng	100
27) 2,4-Dimethylphenol	10.080	122	45667	37.62	ng	100
28) bis(2-Chloroethoxy)met...	10.315	93	54413	32.83	ng	100
29) 2,4-Dichlorophenol	10.568	162	51582	36.62	ng	100
30) 1,2,4-Trichlorobenzene	10.785	180	58523	34.37	ng	100
31) Naphthalene	10.973	128	159584	37.68	ng	100
32) Benzoic acid	10.204	122	33420	35.38	ng	100
33) 4-Chloroaniline	11.073	127	68064	37.59	ng	100
34) Hexachlorobutadiene	11.261	225	43918	32.54	ng	100
35) Caprolactam	11.843	113	19733	39.24	ng	100
36) 4-Chloro-3-methylphenol	12.195	107	57230	35.00	ng	100
37) 2-Methylnaphthalene	12.577	142	129516	40.06	ng	100
38) 1-Methylnaphthalene	12.801	142	119703	39.37	ng	100
40) 1,2,4,5-Tetrachloroben...	12.942	216	71022	34.12	ng	100
41) Hexachlorocyclopentadiene	12.924	237	42446	31.54	ng	100
43) 2,4,6-Trichlorophenol	13.182	196	50546	35.82	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	54033	34.80	ng		100
46) 1,1'-Biphenyl	13.582	154	163848	40.05	ng		100
47) 2-Chloronaphthalene	13.629	162	126429	38.33	ng		100
48) 2-Nitroaniline	13.823	65	40023	32.78	ng		100
49) Acenaphthylene	14.469	152	197490	36.97	ng		100
50) Dimethylphthalate	14.193	163	166628	35.91	ng		100
51) 2,6-Dinitrotoluene	14.316	165	39736	39.80	ng		100
52) Acenaphthene	14.816	154	144491	40.25	ng		100
53) 3-Nitroaniline	14.645	138	38284	40.04	ng		100
54) 2,4-Dinitrophenol	14.851	184	23549	38.64	ng		100
55) Dibenzofuran	15.145	168	206311	38.58	ng		100
56) 4-Nitrophenol	14.951	139	31586	36.92	ng		100
57) 2,4-Dinitrotoluene	15.104	165	56690	39.98	ng		100
58) Fluorene	15.797	166	172647	38.47	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.368	232	51733	33.76	ng		100
60) Diethylphthalate	15.556	149	177076	39.04	ng		100
61) 4-Chlorophenyl-phenyle...	15.785	204	96176	37.25	ng		100
62) 4-Nitroaniline	15.809	138	39009	37.25	ng		100
63) Azobenzene	16.079	77	172380	34.93	ng		100
65) 4,6-Dinitro-2-methylph...	15.868	198	34589	39.54	ng		100
66) n-Nitrosodiphenylamine	16.003	169	155383	38.61	ng		100
67) 4-Bromophenyl-phenylether	16.684	248	61104	34.92	ng		100
68) Hexachlorobenzene	16.802	284	62387	33.28	ng		100
69) Atrazine	16.949	200	62402	38.55	ng		100
70) Pentachlorophenol	17.142	266	41633	33.41	ng		100
71) Phenanthrene	17.548	178	284498	38.77	ng		100
72) Anthracene	17.636	178	283086	38.88	ng		100
73) Carbazole	17.906	167	270472	38.96	ng		100
74) Di-n-butylphthalate	18.459	149	304300	39.60	ng		100
75) Fluoranthene	19.557	202	356517	36.49	ng		100
77) Benzidine	19.734	184	177324	46.25	ng		100
78) Pyrene	19.916	202	357112	40.62	ng		100
80) Butylbenzylphthalate	20.797	149	138242	44.24	ng		100
81) Benzo(a)anthracene	21.778	228	343004	38.63	ng		100
82) 3,3'-Dichlorobenzidine	21.690	252	117521	36.68	ng		100
83) Chrysene	21.849	228	333632	39.20	ng		100
84) Bis(2-ethylhexyl)phtha...	21.678	149	189056	43.79	ng		100
85) Di-n-octyl phthalate	22.936	149	323200	44.71	ng		100
87) Indeno(1,2,3-cd)pyrene	28.976	276	371067	37.06	ng	#	100
88) Benzo(b)fluoranthene	24.076	252	350367	37.87	ng		100
89) Benzo(k)fluoranthene	24.146	252	327806	37.55	ng		100
90) Benzo(a)pyrene	24.980	252	318519	37.76	ng		100
91) Dibenzo(a,h)anthracene	29.040	278	314680	36.84	ng		100
92) Benzo(g,h,i)perylene	30.174	276	307933	37.16	ng		100

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

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