Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
Data File : BG046461.D
Acq On : 26 Aug 2020 19:52
Operator : CG/JU
Sample : L3784-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 01:46:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 18:00:34 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Manual Integrations APPROVED
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8/27/2020 3:14:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67115	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	276140	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201553	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	522474	20.00	ng	0.00
76) Chrysene-d12	21.56	240	557234	20.00	ng	0.00
86) Perylene-d12	24.66	264	588794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	453176	119.59	ng	0.00
7) Phenol-d6	7.11	99	562400	104.70	ng	0.00
23) Nitrobenzene-d5	9.09	82	407212	84.28	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	325754	119.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1064343	80.61	ng	0.00
79) Terphenyl-d14	19.92	244	1935548	73.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	57461	36.449	ng	# 61
3) Pyridine	3.82	79	128710	27.905	ng	99
4) n-Nitrosodimethylamine	3.72	42	74270	43.658	ng	95
6) Aniline	7.26	93	155897	25.791	ng	98
8) 2-Chlorophenol	7.50	128	200565	50.080	ng	99
9) Benzaldehyde	7.07	77	116328	38.653	ng	97
10) Phenol	7.13	94	222421	44.955	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	180331	45.345	ng	98
12) 1,3-Dichlorobenzene	7.83	146	190558	37.477	ng	98
13) 1,4-Dichlorobenzene	7.97	146	196806	38.662	ng	99
14) 1,2-Dichlorobenzene	8.28	146	192202	39.378	ng	98
15) Benzyl Alcohol	8.17	79	175707	50.948	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	265822	43.092	ng	99
17) 2-Methylphenol	8.38	107	173361	49.408	ng	97
18) Hexachloroethane	9.01	117	62005	35.924	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	151806	47.245	ng	99
20) 3+4-Methylphenols	8.71	107	238133	49.170	ng	98
22) Acetophenone	8.75	105	296266	44.075	ng	# 99
24) Nitrobenzene	9.13	77	212984	44.621	ng	99
25) Isophorone	9.65	82	426249	48.121	ng	98
26) 2-Nitrophenol	9.84	139	119203	47.334	ng	95
27) 2,4-Dimethylphenol	9.91	122	194662	56.200	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	253847	44.525	ng	100
29) 2,4-Dichlorophenol	10.38	162	224639	48.650	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	215970	39.421	ng	99
31) Naphthalene	10.78	128	581562	43.133	ng	99
32) Benzoic acid	10.05	122	62466	29.056	ng	98
33) 4-Chloroaniline	10.89	127	38451	6.467	ng	96
34) Hexachlorobutadiene	11.07	225	128588	36.156	ng	97
35) Caprolactam	11.66	113	73349m	42.497	ng	
36) 4-Chloro-3-methylphenol	12.02	107	228104	50.509	ng	94
37) 2-Methylnaphthalene	12.39	142	476562	44.816	ng	99
38) 1-Methylnaphthalene	12.61	142	460733	45.742	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	282352	42.481	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 18:00:34 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	304899	105.500 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	206728	46.091 ng	100
44) 2,4,5-Trichlorophenol	13.07	196	229215	48.640 ng	98
46) 1,1'-Biphenyl	13.40	154	643107	45.861 ng	99
47) 2-Chloronaphthalene	13.44	162	502968	42.303 ng	99
48) 2-Nitroaniline	13.64	65	151895	46.009 ng	100
49) Acenaphthylene	14.28	152	836683	46.391 ng	99
50) Dimethylphthalate	14.02	163	710346	45.555 ng	100
51) 2,6-Dinitrotoluene	14.14	165	165865	48.255 ng	97
52) Acenaphthene	14.63	154	500537	44.786 ng	97
53) 3-Nitroaniline	14.46	138	82876	22.259 ng	96
54) 2,4-Dinitrophenol	14.68	184	219486	109.395 ng	98
55) Dibenzofuran	14.96	168	820759	45.760 ng	99
56) 4-Nitrophenol	14.79	139	261594	95.466 ng	100
57) 2,4-Dinitrotoluene	14.93	165	240660	49.103 ng	98
58) Fluorene	15.61	166	690118	45.844 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	223707	48.885 ng	98
60) Diethylphthalate	15.39	149	710187	46.713 ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	376126	45.367 ng	97
62) 4-Nitroaniline	15.63	138	168874	42.986 ng	95
63) Azobenzene	15.90	77	580339	46.927 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	160036	54.117 ng	98
66) n-Nitrosodiphenylamine	15.82	169	640148	45.416 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	268090	43.981 ng	98
68) Hexachlorobenzene	16.63	284	287116	42.531 ng	98
69) Atrazine	16.77	200	248274	43.177 ng	99
70) Pentachlorophenol	16.97	266	369860	104.862 ng	98
71) Phenanthrene	17.35	178	1191504	44.992 ng	99
72) Anthracene	17.44	178	1214260	46.472 ng	98
73) Carbazole	17.71	167	1138700	46.158 ng	99
74) Di-n-butylphthalate	18.27	149	1272422	44.855 ng	99
75) Fluoranthene	19.36	202	1553145	45.573 ng	98
77) Benzidine	19.54	184	166959	12.894 ng	98
78) Pyrene	19.72	202	1571089	44.276 ng	99
80) Butylbenzylphthalate	20.61	149	614028	44.364 ng	96
81) Benzo(a)anthracene	21.54	228	1533638	44.156 ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	347782	26.982 ng	100
83) Chrysene	21.60	228	1476322	44.188 ng	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	854716	45.251 ng	100
85) Di-n-octyl phthalate	22.63	149	1475949	45.636 ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1884680	44.567 ng	100
88) Benzo(b)fluoranthene	23.68	252	1567586	42.638 ng	97
89) Benzo(k)fluoranthene	23.75	252	1567391	44.112 ng	99
90) Benzo(a)pyrene	24.52	252	1473294	42.941 ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1540424	45.140 ng	99
92) Benzo(g,h,i)perylene	29.28	276	1579927	46.363 ng	98

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

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