Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038444.D
Acq On : 10 Dec 2018 18:19
Operator : JU/SJ
Sample : J6196-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-120718-AMSD

Manual Integrations APPROVED
Sohil
12/11/2018 6:07:21 PM

Quant Time: Dec 11 04:00:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28350	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	122826	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	79021	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	196179	20.00	ng		0.00
76) Chrysene-d12	21.74	240	187766	20.00	ng		0.00
87) Perylene-d12	25.04	264	202442	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	220184	137.44	ng		0.00
7) Phenol-d6	7.22	99	293643	126.82	ng		0.00
23) Nitrobenzene-d5	9.25	82	216815	87.64	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	158921	163.82	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	509187	91.82	ng		0.00
79) Terphenyl-d14	20.06	244	891736	101.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26556	36.168	ng	#	37
3) Pyridine	3.92	79	82131	37.390	ng		92
4) n-Nitrosodimethylamine	3.83	42	53052	55.137	ng		87
6) Aniline	7.40	93	37334	12.624	ng		97
8) 2-Chlorophenol	7.63	128	91950	49.421	ng		97
9) Benzaldehyde	7.21	77	41951	28.612	ng		92
10) Phenol	7.25	94	104151	42.573	ng		89
11) bis(2-Chloroethyl)ether	7.49	93	85001	42.424	ng		99
12) 1,3-Dichlorobenzene	7.95	146	93573	43.031	ng		96
13) 1,4-Dichlorobenzene	8.11	146	95734	42.550	ng		99
14) 1,2-Dichlorobenzene	8.42	146	92121	45.597	ng		99
15) Benzyl Alcohol	8.31	79	87139	45.775	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	193343	42.425	ng		97
17) 2-Methylphenol	8.51	107	79791	47.714	ng		96
18) Hexachloroethane	9.15	117	34406	42.370	ng	#	86
19) n-Nitroso-di-n-propylamine	8.87	70	73783	43.799	ng		90
20) 3+4-Methylphenols	8.83	107	110007	44.634	ng		96
22) Acetophenone	8.90	105	139865	47.674	ng	#	96
24) Nitrobenzene	9.29	77	112212	44.644	ng		97
25) Isophorone	9.80	82	214576	49.354	ng	#	96
26) 2-Nitrophenol	10.00	139	53851	46.239	ng	#	89
27) 2,4-Dimethylphenol	10.04	122	95213	56.920	ng		94
28) bis(2-Chloroethoxy)methane	10.29	93	123012	49.355	ng		97
29) 2,4-Dichlorophenol	10.53	162	101399	53.103	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	102830	45.875	ng		97
31) Naphthalene	10.94	128	292669	49.883	ng		99
32) Benzoic acid	10.20	122	50468	43.043	ng		98
33) 4-Chloroaniline	11.06	127	5238	2.017	ng	#	89
34) Hexachlorobutadiene	11.20	225	65902	46.995	ng		98
35) Caprolactam	11.84	113	29023m	36.755	ng		
36) 4-Chloro-3-methylphenol	12.17	107	110686	52.172	ng		96
37) 2-Methylnaphthalene	12.54	142	219336	52.495	ng		95
38) 1-Methylnaphthalene	12.75	142	214459	53.591	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	127517	46.897	ng		98

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Quant Time: Dec 11 04:00:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	155764	104.242	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	90777	51.537	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	97464	52.232	ng		96
46) 1,1'-Biphenyl	13.54	154	293584	43.953	ng		97
47) 2-Chloronaphthalene	13.59	162	232258	46.080	ng		99
48) 2-Nitroaniline	13.80	65	83222	49.215	ng		96
49) Acenaphthylene	14.43	152	389637	51.328	ng		99
50) Dimethylphthalate	14.16	163	319834	50.462	ng		99
51) 2,6-Dinitrotoluene	14.29	165	72889	50.344	ng		93
52) Acenaphthene	14.77	154	223451	48.285	ng		99
53) 3-Nitroaniline	14.63	138	13003	8.339	ng		84
54) 2,4-Dinitrophenol	14.83	184	92410	116.435	ng	#	84
55) Dibenzofuran	15.10	168	371062	48.500	ng		97
56) 4-Nitrophenol	14.93	139	103233	83.810	ng	#	79
57) 2,4-Dinitrotoluene	15.07	165	104358	52.260	ng	#	96
58) Fluorene	15.76	166	300086	53.239	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	90538	55.865	ng		99
60) Diethylphthalate	15.51	149	333497	47.494	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	166893	49.294	ng		97
62) 4-Nitroaniline	15.79	138	71360	46.529	ng	#	86
63) Azobenzene	16.03	77	297166	48.356	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	63993	49.785	ng		93
66) n-Nitrosodiphenylamine	15.96	169	278656	50.512	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	113317	53.489	ng		99
68) Hexachlorobenzene	16.75	284	114824	52.547	ng		98
69) Atrazine	16.90	200	111264	54.051	ng		98
70) Pentachlorophenol	17.09	266	133333	89.084	ng		94
71) Phenanthrene	17.50	178	519430	52.871	ng		100
72) Anthracene	17.59	178	525908	55.277	ng		99
73) Carbazole	17.86	167	469232	49.692	ng		99
74) Di-n-butylphthalate	18.39	149	566105	51.317	ng		98
75) Fluoranthene	19.50	202	634169	55.249	ng		97
77) Benzidine	19.69	184	64139	10.123	ng		98
78) Pyrene	19.87	202	628305	47.825	ng		98
80) Butylbenzylphthalate	20.73	149	251526	47.601	ng		99
81) Benzo(a)anthracene	21.71	228	593772	51.452	ng		100
82) 3,3'-Dichlorobenzidine	21.63	252	103245	22.998	ng		99
83) Chrysene	21.78	228	552217	50.566	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	352197	47.026	ng		98
85) Di-n-octyl phthalate	22.81	149	599772	46.704	ng		98
86) Indeno(1,2,3-cd)pyrene	28.84	276	661499	53.299	ng	#	96
88) Benzo(b)fluoranthene	23.99	252	583112	50.977	ng		98
89) Benzo(k)fluoranthene	24.06	252	564356m	49.538	ng		
90) Benzo(a)pyrene	24.89	252	572775	51.623	ng	#	97
91) Dibenzo(a,h)anthracene	28.90	278	544974	51.787	ng		97
92) Benzo(g,h,i)perylene	30.03	276	552003	52.871	ng	#	94

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

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