Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
Data File : BG040598.D
Acq On : 24 Apr 2019 17:55
Operator : JU/SJ
Sample : K2200-08MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-042319-AMSD

Manual Integrations APPROVED
Sohil
4/25/2019 5:29:01 PM

Quant Time: Apr 25 04:17:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	48878	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	197929	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	141165	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	368225	20.00	ng	0.00
76) Chrysene-d12	21.82	240	365994	20.00	ng	0.00
87) Perylene-d12	25.20	264	396971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	363925	131.25	ng	0.00
7) Phenol-d6	7.29	99	502044	117.59	ng	0.00
23) Nitrobenzene-d5	9.34	82	419164	97.85	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	290343	149.63	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	886252	90.67	ng	0.00
79) Terphenyl-d14	20.13	244	1707800	103.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	47374	37.568	ng	# 1
3) Pyridine	3.98	79	125313	34.284	ng	96
4) n-Nitrosodimethylamine	3.88	42	82448	40.667	ng	98
6) Aniline	7.48	93	101975	18.021	ng	99
8) 2-Chlorophenol	7.72	128	149418	44.132	ng	96
9) Benzaldehyde	7.29	77	47527	14.261	ng	92
10) Phenol	7.32	94	174626	38.051	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	146873	42.678	ng	98
12) 1,3-Dichlorobenzene	8.05	146	148437	40.168	ng	99
13) 1,4-Dichlorobenzene	8.19	146	154695	41.294	ng	98
14) 1,2-Dichlorobenzene	8.51	146	145640	40.312	ng	95
15) Benzyl Alcohol	8.39	79	199861	44.991	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	273966	39.985	ng	98
17) 2-Methylphenol	8.59	107	145307	44.740	ng	93
18) Hexachloroethane	9.25	117	60794	39.561	ng	89
19) n-Nitroso-di-n-propylamine	8.96	70	157600	41.008	ng	99
20) 3+4-Methylphenols	8.92	107	198047	43.773	ng	97
22) Acetophenone	8.99	105	264392	48.037	ng	# 99
24) Nitrobenzene	9.38	77	224954	49.220	ng	98
25) Isophorone	9.90	82	452780	47.453	ng	100
26) 2-Nitrophenol	10.09	139	80143	48.919	ng	96
27) 2,4-Dimethylphenol	10.13	122	171429	55.770	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	218808	45.706	ng	98
29) 2,4-Dichlorophenol	10.62	162	179406	51.339	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	174832	45.115	ng	95
31) Naphthalene	11.04	128	481238	45.765	ng	99
32) Benzoic acid	10.20	122	21973m	10.442	ng	
33) 4-Chloroaniline	11.14	127	15104	3.240	ng	93
34) Hexachlorobutadiene	11.30	225	127160	44.446	ng	97
35) Caprolactam	11.92	113	47862m	34.690	ng	
36) 4-Chloro-3-methylphenol	12.24	107	217140	49.255	ng	99
37) 2-Methylnaphthalene	12.63	142	366937	46.672	ng	98
38) 1-Methylnaphthalene	12.85	142	352312	45.846	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	235180	44.722	ng	98

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Quant Time: Apr 25 04:17:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	299754	96.599	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	162789	51.225	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	176071	50.860	ng		98
46) 1,1'-Biphenyl	13.63	154	499709	45.593	ng		99
47) 2-Chloronaphthalene	13.67	162	394065	45.943	ng		99
48) 2-Nitroaniline	13.88	65	166309	54.470	ng		95
49) Acenaphthylene	14.52	152	655700	45.058	ng		100
50) Dimethylphthalate	14.24	163	569065	48.181	ng		100
51) 2,6-Dinitrotoluene	14.36	165	117971	51.177	ng		98
52) Acenaphthene	14.85	154	392143	46.272	ng		97
53) 3-Nitroaniline	14.69	138	33851	14.332	ng		99
54) 2,4-Dinitrophenol	14.89	184	44932	38.545	ng		89
55) Dibenzofuran	15.19	168	646655	46.585	ng		97
56) 4-Nitrophenol	14.98	139	179863	87.823	ng		98
57) 2,4-Dinitrotoluene	15.14	165	172111	54.947	ng	#	98
58) Fluorene	15.83	166	528764	47.129	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	184907m	53.067	ng		
60) Diethylphthalate	15.59	149	608240	48.809	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	314869	48.253	ng		96
62) 4-Nitroaniline	15.86	138	126974	48.059	ng		98
63) Azobenzene	16.11	77	619750	48.291	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	48839	30.037	ng		97
66) n-Nitrosodiphenylamine	16.04	169	497117	45.887	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	207042	45.131	ng		96
68) Hexachlorobenzene	16.82	284	216890	45.723	ng		98
69) Atrazine	16.98	200	214193	49.903	ng		99
70) Pentachlorophenol	17.17	266	222523	80.166	ng		98
71) Phenanthrene	17.58	178	926928	46.735	ng		97
72) Anthracene	17.67	178	957188	48.013	ng		99
73) Carbazole	17.94	167	861506	47.431	ng		99
74) Di-n-butylphthalate	18.48	149	1048999	47.850	ng		99
75) Fluoranthene	19.57	202	1195739	48.379	ng		99
77) Benzidine	19.76	184	111527	11.129	ng		97
78) Pyrene	19.94	202	1201278	52.369	ng		97
80) Butylbenzylphthalate	20.81	149	484822	54.228	ng		99
81) Benzo(a)anthracene	21.80	228	1159889	50.144	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	137538	16.682	ng		96
83) Chrysene	21.87	228	1131259	51.425	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	675082	52.309	ng		97
85) Di-n-octyl phthalate	22.95	149	1146945	52.770	ng		98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1381447	51.940	ng	#	92
88) Benzo(b)fluoranthene	24.12	252	1177016	48.520	ng		98
89) Benzo(k)fluoranthene	24.19	252	1147850	50.667	ng		98
90) Benzo(a)pyrene	25.04	252	1157189	50.395	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	1137045	48.932	ng		97
92) Benzo(g,h,i)perylene	30.31	276	1147191	49.605	ng		97

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

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