Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033495.D
Acq On : 2 Apr 2018 20:01
Operator : SJ/JU
Sample : PB107833BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107833BSD

Manual Integrations APPROVED
Sohil
4/3/2018 12:08:11 PM

Quant Time: Apr 03 04:43:18 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	36832	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	164113	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	126507	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	321111	20.00	ng		0.00
75) Chrysene-d12	22.56	240	337382	20.00	ng		0.00
86) Perylene-d12	26.32	264	361352	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	219783	111.89	ng		0.00
7) Phenol-d6	7.98	99	365138	108.19	ng		0.00
23) Nitrobenzene-d5	10.06	82	341237	95.53	ng		-0.01
41) 2,4,6-Tribromophenol	16.95	330	177095	93.60	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	823886	94.02	ng		0.00
78) Terphenyl-d14	20.73	244	1401293	88.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	37566	37.659	ng		87
3) Pyridine	4.38	79	100796	36.553	ng		98
4) n-Nitrosodimethylamine	4.29	42	53286	47.088	ng	#	93
6) Aniline	8.16	93	62155	15.660	ng		96
8) 2-Chlorophenol	8.41	128	121145	53.949	ng		100
9) Benzaldehyde	7.97	77	46243m	21.560	ng		
10) Phenol	8.01	94	177263	53.198	ng		90
11) bis(2-Chloroethyl)ether	8.25	93	121253	44.581	ng		96
12) 1,3-Dichlorobenzene	8.75	146	120314	40.981	ng		95
13) 1,4-Dichlorobenzene	8.89	146	118114	40.172	ng		94
14) 1,2-Dichlorobenzene	9.23	146	123747	43.123	ng		99
15) Benzyl Alcohol	9.10	79	132226	49.761	ng		87
16) 2,2'-oxybis(1-Chloropropan	9.38	45	199254	44.939	ng		85
17) 2-Methylphenol	9.30	107	113550m	50.023	ng		
18) Hexachloroethane	9.98	117	50207	44.244	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	108376	43.823	ng		97
20) 3+4-Methylphenols	9.64	107	156418	48.397	ng		89
22) Acetophenone	9.70	105	193862	43.117	ng	#	98
24) Nitrobenzene	10.11	77	172058	45.002	ng		90
25) Isophorone	10.62	82	320305	46.202	ng		99
26) 2-Nitrophenol	10.83	139	71192	49.183	ng	#	82
27) 2,4-Dimethylphenol	10.87	122	124903	59.398	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	166987	48.275	ng		94
29) 2,4-Dichlorophenol	11.38	162	135433	52.371	ng		94
30) 1,2,4-Trichlorobenzene	11.60	180	135671	40.380	ng		96
31) Naphthalene	11.80	128	378971	44.562	ng		97
32) Benzoic acid	11.00	122	54414	27.837	ng		89
33) 4-Chloroaniline	11.90	127	59653	15.656	ng		94
34) Hexachlorobutadiene	12.05	225	101990	40.141	ng		97
35) Caprolactam	12.65	113	47744	47.126	ng		97
36) 4-Chloro-3-methylphenol	12.97	107	171810	50.939	ng		96
37) 2-Methylnaphthalene	13.35	142	298409	45.208	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	192213	41.946	ng		99
40) Hexachlorocyclopentadiene	13.68	237	241696	89.973	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	125734	47.226	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	150345	47.775	ng		98
45) 1,1'-Biphenyl	14.32	154	419870	43.200	ng		97
46) 2-Chloronaphthalene	14.38	162	324425	43.291	ng		94
47) 2-Nitroaniline	14.58	65	130921	46.642	ng		91
48) Acenaphthylene	15.21	152	535189	42.784	ng		98
49) Dimethylphthalate	14.90	163	474253	43.077	ng		100
50) 2,6-Dinitrotoluene	15.04	165	101320	45.008	ng		92
51) Acenaphthene	15.54	154	397012	49.234	ng		99
52) 3-Nitroaniline	15.39	138	43031	18.233	ng	#	97
53) 2,4-Dinitrophenol	15.57	184	105840	89.759	ng	#	81
54) Dibenzofuran	15.87	168	534297	44.857	ng		94
55) 4-Nitrophenol	15.67	139	161464	97.293	ng	#	83
56) 2,4-Dinitrotoluene	15.81	165	148615	44.837	ng	#	93
57) Fluorene	16.51	166	442184	43.576	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	150618	50.840	ng		96
59) Diethylphthalate	16.24	149	462975	43.307	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	252087	43.216	ng		98
61) 4-Nitroaniline	16.53	138	96342	40.311	ng		87
62) Azobenzene	16.78	77	461397	44.554	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	84352	43.911	ng		94
65) n-Nitrosodiphenylamine	16.70	169	412469	44.994	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	166465	44.142	ng		94
67) Hexachlorobenzene	17.51	284	169491	42.586	ng		94
68) Atrazine	17.62	200	174078	46.861	ng		98
69) Pentachlorophenol	17.85	266	226423	82.889	ng		99
70) Phenanthrene	18.25	178	742667	44.409	ng		99
71) Anthracene	18.35	178	772943	45.647	ng		98
72) Carbazole	18.61	167	692068	46.123	ng		98
73) Di-n-butylphthalate	19.09	149	820443	46.976	ng	#	98
74) Fluoranthene	20.21	202	959992	46.388	ng		97
76) Benzidine	20.37	184	228778	25.005	ng		99
77) Pyrene	20.56	202	958349	42.591	ng		98
79) Butylbenzylphthalate	21.42	149	373206	44.946	ng		96
80) Benzo(a)anthracene	22.54	228	941912	43.844	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	187256	24.495	ng		98
82) Chrysene	22.61	228	903671	43.455	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	511850	44.717	ng		97
84) Di-n-octyl phthalate	23.75	149	897067	51.185	ng		98
85) Indeno(1,2,3-cd)pyrene	30.70	276	1046380	46.539	ng	#	86
87) Benzo(b)fluoranthene	25.11	252	899966	43.108	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	908420	43.023	ng	#	98
89) Benzo(a)pyrene	26.14	252	927565	46.265	ng	#	97
90) Dibenzo(a,h)anthracene	30.77	278	876579	46.416	ng	#	98
91) Benzo(g,h,i)perylene	32.07	276	864764	46.242	ng		96

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

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