Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033054.D
Acq On : 8 Mar 2018 23:32
Operator : SJ/JU
Sample : PB107149BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107149BS

Manual Integrations APPROVED
Sohil
3/9/2018 11:41:30 AM

Quant Time: Mar 09 02:44:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	49810	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	219851	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	126231	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	283454	20.00	ng		0.00
75) Chrysene-d12	22.61	240	268603	20.00	ng		0.00
86) Perylene-d12	26.41	264	290220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	485363	155.89	ng		0.00
7) Phenol-d6	8.01	99	641993	147.94	ng		0.00
23) Nitrobenzene-d5	10.11	82	380017	115.87	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	220121	165.84	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	819261	93.60	ng		0.00
78) Terphenyl-d14	20.77	244	1184359	99.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	46436	34.366	ng		97
3) Pyridine	4.42	79	133563	35.863	ng		91
4) n-Nitrosodimethylamine	4.32	42	74135	49.651	ng	#	85
6) Aniline	8.20	93	122676	20.884	ng		97
8) 2-Chlorophenol	8.46	128	145336	42.648	ng		94
9) Benzaldehyde	8.00	77	76304	30.508	ng		97
10) Phenol	8.04	94	188076	42.993	ng		94
11) bis(2-Chloroethyl)ether	8.29	93	130290	36.423	ng		98
12) 1,3-Dichlorobenzene	8.80	146	145388	36.425	ng		99
13) 1,4-Dichlorobenzene	8.94	146	145280	36.160	ng		99
14) 1,2-Dichlorobenzene	9.28	146	137290	35.659	ng		97
15) Benzyl Alcohol	9.14	79	128498	40.277	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.43	45	258660	42.063	ng		99
17) 2-Methylphenol	9.34	107	126448	39.198	ng		98
18) Hexachloroethane	10.04	117	53104	38.820	ng	#	84
19) n-Nitroso-di-n-propylamine	9.72	70	109736	35.818	ng	#	91
20) 3+4-Methylphenols	9.67	107	174424	38.888	ng		96
22) Acetophenone	9.75	105	205077	36.935	ng	#	97
24) Nitrobenzene	10.15	77	157697	45.380	ng		94
25) Isophorone	10.68	82	297730	38.583	ng	#	94
26) 2-Nitrophenol	10.88	139	73208	55.837	ng		98
27) 2,4-Dimethylphenol	10.91	122	152922	45.618	ng		92
28) bis(2-Chloroethoxy)methane	11.15	93	178709	39.754	ng		95
29) 2,4-Dichlorophenol	11.42	162	133980	44.037	ng		94
30) 1,2,4-Trichlorobenzene	11.65	180	131019	36.737	ng		98
31) Naphthalene	11.85	128	436141	37.965	ng		98
32) Benzoic acid	11.01	122	77978	40.396	ng	#	87
33) 4-Chloroaniline	11.93	127	107879	21.002	ng		97
34) Hexachlorobutadiene	12.11	225	72672	36.328	ng		97
35) Caprolactam	12.68	113	50448	41.411	ng		96
36) 4-Chloro-3-methylphenol	13.00	107	159335	45.003	ng		95
37) 2-Methylnaphthalene	13.40	142	320478	38.559	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	136219	36.352	ng	#	95
40) Hexachlorocyclopentadiene	13.73	237	171919	90.024	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	100902	42.698	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	113908	41.648	ng		98
45) 1,1'-Biphenyl	14.37	154	400132	36.275	ng		97
46) 2-Chloronaphthalene	14.43	162	303623	36.848	ng		97
47) 2-Nitroaniline	14.61	65	110073	51.951	ng		93
48) Acenaphthylene	15.26	152	498189	36.929	ng		99
49) Dimethylphthalate	14.95	163	395905	36.938	ng		98
50) 2,6-Dinitrotoluene	15.08	165	87280	48.976	ng		94
51) Acenaphthene	15.59	154	344152	40.963	ng		96
52) 3-Nitroaniline	15.41	138	67048	33.292	ng	#	89
53) 2,4-Dinitrophenol	15.61	184	70674	110.228	ng	#	31
54) Dibenzofuran	15.92	168	468155	39.134	ng		95
55) 4-Nitrophenol	15.68	139	138720	79.120	ng		91
56) 2,4-Dinitrotoluene	15.85	165	124379	57.024	ng		91
57) Fluorene	16.56	166	374451	37.924	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.13	232	97907m	46.107	ng		
59) Diethylphthalate	16.29	149	425709	37.657	ng		97
60) 4-Chlorophenyl-phenylether	16.53	204	185376	38.379	ng	#	87
61) 4-Nitroaniline	16.56	138	93374	41.098	ng		89
62) Azobenzene	16.83	77	395629	39.119	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	54648	60.073	ng		95
65) n-Nitrosodiphenylamine	16.75	169	346634	37.591	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	112979	37.695	ng	#	85
67) Hexachlorobenzene	17.56	284	117734	36.349	ng	#	91
68) Atrazine	17.66	200	119730	39.446	ng		97
69) Pentachlorophenol	17.89	266	151524	74.270	ng		98
70) Phenanthrene	18.30	178	603229	38.145	ng		98
71) Anthracene	18.39	178	618542	38.960	ng		99
72) Carbazole	18.64	167	570981	36.487	ng	#	97
73) Di-n-butylphthalate	19.14	149	720922	37.552	ng		99
74) Fluoranthene	20.25	202	678781	38.857	ng		95
76) Benzidine	20.41	184	218599	23.875	ng		99
77) Pyrene	20.61	202	685478	36.188	ng		100
79) Butylbenzylphthalate	21.47	149	336985	40.126	ng		91
80) Benzo(a)anthracene	22.59	228	660361	38.339	ng		98
81) 3,3'-Dichlorobenzidine	22.47	252	141958	22.253	ng	#	96
82) Chrysene	22.67	228	628406	38.193	ng		99
83) Bis(2-ethylhexyl)phthalate	22.41	149	479677	38.586	ng		95
84) Di-n-octyl phthalate	23.82	149	827784	43.686	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	683173	35.603	ng	#	92
87) Benzo(b)fluoranthene	25.19	252	661071	38.524	ng	#	98
88) Benzo(k)fluoranthene	25.27	252	664551	38.967	ng	#	97
89) Benzo(a)pyrene	26.24	252	635895	38.961	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	538503	32.779	ng	#	94
91) Benzo(g,h,i)perylene	32.22	276	572353	35.342	ng	#	93

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

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