Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030918\
Data File : BG033080.D
Acq On : 9 Mar 2018 20:00
Operator : SJ/JU
Sample : PB107212BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107212BS

Manual Integrations APPROVED
Sohil
3/12/2018 3:51:32 PM

Quant Time: Mar 10 05:04:33 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	47079	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	212412	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	126466	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	297126	20.00	ng		0.00
75) Chrysene-d12	22.61	240	276139	20.00	ng		0.00
86) Perylene-d12	26.40	264	295928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	386371	131.30	ng		0.00
7) Phenol-d6	8.01	99	518195	126.34	ng		0.00
23) Nitrobenzene-d5	10.11	82	306068	98.24	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	195178	146.78	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	687740	78.43	ng		0.00
78) Terphenyl-d14	20.77	244	1050705	85.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	42128	32.987	ng		98
3) Pyridine	4.42	79	123093	34.969	ng		89
4) n-Nitrosodimethylamine	4.32	42	71571	50.714	ng	#	79
6) Aniline	8.20	93	78772	14.188	ng		97
8) 2-Chlorophenol	8.45	128	137745	42.765	ng		97
9) Benzaldehyde	8.01	77	69330	29.327	ng		93
10) Phenol	8.04	94	177794	43.000	ng		98
11) bis(2-Chloroethyl)ether	8.29	93	120381	35.605	ng		99
12) 1,3-Dichlorobenzene	8.80	146	133937	35.503	ng		97
13) 1,4-Dichlorobenzene	8.95	146	136320	35.898	ng		95
14) 1,2-Dichlorobenzene	9.28	146	130112	35.755	ng		97
15) Benzyl Alcohol	9.14	79	120799	40.061	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.43	45	242064	41.647	ng		99
17) 2-Methylphenol	9.33	107	119949	39.341	ng		98
18) Hexachloroethane	10.04	117	48839	37.773	ng	#	86
19) n-Nitroso-di-n-propylamine	9.72	70	102332	35.339	ng	#	92
20) 3+4-Methylphenols	9.67	107	166020	39.161	ng		94
22) Acetophenone	9.75	105	191699	35.735	ng	#	98
24) Nitrobenzene	10.15	77	151044	45.043	ng		92
25) Isophorone	10.67	82	283961	38.087	ng		95
26) 2-Nitrophenol	10.88	139	69258	55.004	ng		99
27) 2,4-Dimethylphenol	10.91	122	145778	45.010	ng		91
28) bis(2-Chloroethoxy)methane	11.15	93	170056	39.154	ng		97
29) 2,4-Dichlorophenol	11.42	162	130460	44.382	ng		98
30) 1,2,4-Trichlorobenzene	11.65	180	122899	35.667	ng		98
31) Naphthalene	11.85	128	413525	37.257	ng		98
32) Benzoic acid	10.98	122	30620m	21.978	ng		
33) 4-Chloroaniline	11.93	127	73575	14.825	ng		97
34) Hexachlorobutadiene	12.11	225	69608	36.015	ng		95
35) Caprolactam	12.68	113	51908	44.102	ng		99
36) 4-Chloro-3-methylphenol	12.99	107	158613	46.368	ng		96
37) 2-Methylnaphthalene	13.39	142	310636	38.684	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	134252	35.761	ng	#	96
40) Hexachlorocyclopentadiene	13.72	237	158076	82.621	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	102103	43.126	ng		96
43) 2,4,5-Trichlorophenol	14.04	196	113150	41.294	ng		97
45) 1,1'-Biphenyl	14.37	154	393482	35.605	ng		95
46) 2-Chloronaphthalene	14.42	162	297174	35.998	ng		95
47) 2-Nitroaniline	14.60	65	113971	53.362	ng		96
48) Acenaphthylene	15.25	152	504401	37.320	ng		99
49) Dimethylphthalate	14.95	163	403115	37.541	ng		100
50) 2,6-Dinitrotoluene	15.08	165	90409	50.336	ng		94
51) Acenaphthene	15.59	154	307831	36.571	ng		98
52) 3-Nitroaniline	15.41	138	55199	28.702	ng	#	95
53) 2,4-Dinitrophenol	15.61	184	16167	37.242	ng	#	1
54) Dibenzofuran	15.92	168	472010	39.383	ng		95
55) 4-Nitrophenol	15.68	139	112980	65.644	ng		90
56) 2,4-Dinitrotoluene	15.85	165	124176	56.875	ng	#	90
57) Fluorene	16.56	166	379891	38.403	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	96702m	45.455	ng		
59) Diethylphthalate	16.29	149	435308	38.435	ng		97
60) 4-Chlorophenyl-phenylether	16.54	204	190101	39.284	ng		91
61) 4-Nitroaniline	16.56	138	90698	40.008	ng		92
62) Azobenzene	16.82	77	406409	40.110	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	24817	33.422	ng		90
65) n-Nitrosodiphenylamine	16.74	169	355053	36.732	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	117916	37.531	ng	#	84
67) Hexachlorobenzene	17.56	284	125550	36.979	ng		94
68) Atrazine	17.66	200	124859	39.243	ng		96
69) Pentachlorophenol	17.89	266	113302	52.980	ng		98
70) Phenanthrene	18.30	178	621365	37.484	ng		99
71) Anthracene	18.39	178	638415	38.361	ng		99
72) Carbazole	18.64	167	584608	35.639	ng		98
73) Di-n-butylphthalate	19.14	149	740910	36.817	ng		100
74) Fluoranthene	20.25	202	700775	38.271	ng		95
76) Benzidine	20.40	184	143921	15.290	ng		97
77) Pyrene	20.61	202	702656	36.083	ng		98
79) Butylbenzylphthalate	21.46	149	344489	39.900	ng		93
80) Benzo(a)anthracene	22.59	228	677303	38.250	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	102716	15.662	ng	#	97
82) Chrysene	22.66	228	640971	37.894	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	491424	38.452	ng		95
84) Di-n-octyl phthalate	23.83	149	842371	43.243	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	687194	34.835	ng	#	94
87) Benzo(b)fluoranthene	25.19	252	669812	38.281	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	689133	39.629	ng	#	97
89) Benzo(a)pyrene	26.23	252	660656	39.697	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	549132	32.781	ng	#	96
91) Benzo(g,h,i)perylene	32.22	276	575807	34.869	ng	#	94

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

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