Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034973.D
Acq On : 8 Jun 2018 5:14
Operator : SJ/JU
Sample : PB110005BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110005BS

Manual Integrations APPROVED
Sohil
6/8/2018 4:45:05 PM

Quant Time: Jun 08 08:11:35 2018
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49108	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	193554	20.00	ng		-0.01
38) Acenaphthene-d10	14.70	164	143559	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	366773	20.00	ng		0.00
75) Chrysene-d12	21.72	240	372299	20.00	ng		-0.01
86) Perylene-d12	24.96	264	373269	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	283744	97.51	ng		0.00
7) Phenol-d6	7.23	99	435734	101.45	ng		0.00
23) Nitrobenzene-d5	9.24	82	400076	98.25	ng		-0.01
41) 2,4,6-Tribromophenol	16.19	330	182031	99.05	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	940332	85.15	ng		0.00
78) Terphenyl-d14	20.05	244	1572864	88.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	42593	30.678	ng	#	79
3) Pyridine	3.95	79	127888	34.139	ng	#	77
4) n-Nitrosodimethylamine	3.87	42	60765	37.758	ng	#	83
6) Aniline	7.40	93	129972	23.412	ng		99
8) 2-Chlorophenol	7.64	128	140977	46.219	ng		95
9) Benzaldehyde	7.21	77	76943	23.258	ng		96
10) Phenol	7.26	94	219250	49.329	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	138489	40.144	ng		91
12) 1,3-Dichlorobenzene	7.97	146	144968	39.833	ng		93
13) 1,4-Dichlorobenzene	8.11	146	149433	39.776	ng		97
14) 1,2-Dichlorobenzene	8.43	146	139997	39.672	ng		94
15) Benzyl Alcohol	8.31	79	181812	44.676	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.60	45	166120	48.381	ng		77
17) 2-Methylphenol	8.51	107	146303	49.927	ng	#	92
18) Hexachloroethane	9.16	117	56768	42.207	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	143078	39.212	ng	#	86
20) 3+4-Methylphenols	8.84	107	207884	49.493	ng		93
22) Acetophenone	8.90	105	250359	41.756	ng	#	90
24) Nitrobenzene	9.28	77	202613	48.592	ng	#	91
25) Isophorone	9.81	82	406598	47.295	ng		99
26) 2-Nitrophenol	9.99	139	78690	54.751	ng	#	92
27) 2,4-Dimethylphenol	10.05	122	160830	53.237	ng		90
28) bis(2-Chloroethoxy)methane	10.29	93	209581	45.365	ng		99
29) 2,4-Dichlorophenol	10.53	162	175682	53.445	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	171772	43.579	ng		96
31) Naphthalene	10.94	128	436047	43.366	ng		97
32) Benzoic acid	10.19	122	109321	54.026	ng		94
33) 4-Chloroaniline	11.04	127	35835	8.208	ng	#	85
34) Hexachlorobutadiene	11.22	225	128221	41.828	ng		99
35) Caprolactam	11.82	113	63504m	52.274	ng		
36) 4-Chloro-3-methylphenol	12.15	107	214041	52.236	ng		91
37) 2-Methylnaphthalene	12.53	142	347117	45.534	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	231768	43.343	ng		99
40) Hexachlorocyclopentadiene	12.88	237	342712	102.203	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	162397	50.720	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	172863	49.189	ng		98
45) 1,1'-Biphenyl	13.54	154	483930	41.922	ng		98
46) 2-Chloronaphthalene	13.58	162	376424	43.130	ng		99
47) 2-Nitroaniline	13.77	65	133015	51.612	ng		96
48) Acenaphthylene	14.43	152	641849	43.859	ng		98
49) Dimethylphthalate	14.16	163	542170	43.309	ng		99
50) 2,6-Dinitrotoluene	14.27	165	119146	52.169	ng		93
51) Acenaphthene	14.77	154	428016	44.763	ng		98
52) 3-Nitroaniline	14.60	138	38324	17.101	ng	#	89
53) 2,4-Dinitrophenol	14.80	184	85514	92.519	ng	#	67
54) Dibenzofuran	15.10	168	613271	42.824	ng		92
55) 4-Nitrophenol	14.90	139	192652	101.858	ng	#	87
56) 2,4-Dinitrotoluene	15.05	165	167981	55.369	ng		94
57) Fluorene	15.75	166	512517	42.823	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	178941	52.414	ng		95
59) Diethylphthalate	15.52	149	540525	42.320	ng		98
60) 4-Chlorophenyl-phenylether	15.74	204	294055	43.088	ng		97
61) 4-Nitroaniline	15.76	138	115238	47.948	ng	#	84
62) Azobenzene	16.04	77	555197	44.359	ng		97
64) 4,6-Dinitro-2-methylphenol	15.82	198	75659	45.181	ng		88
65) n-Nitrosodiphenylamine	15.95	169	460285	41.789	ng		97
66) 4-Bromophenyl-phenylether	16.64	248	199502	45.168	ng		96
67) Hexachlorobenzene	16.75	284	199587	44.396	ng		98
68) Atrazine	16.91	200	211870	45.106	ng		95
69) Pentachlorophenol	17.09	266	245209	81.115	ng		98
70) Phenanthrene	17.49	178	827442	44.411	ng		98
71) Anthracene	17.58	178	844822	45.268	ng		98
72) Carbazole	17.85	167	779244	45.001	ng		99
73) Di-n-butylphthalate	18.41	149	887067	42.980	ng	#	98
74) Fluoranthene	19.49	202	1071121	44.180	ng		96
76) Benzidine	19.67	184	315537	22.781	ng		98
77) Pyrene	19.85	202	1072099	43.681	ng		97
79) Butylbenzylphthalate	20.75	149	407272	45.698	ng		95
80) Benzo(a)anthracene	21.70	228	1071757	45.049	ng		99
81) 3,3'-Dichlorobenzidine	21.61	252	175131	19.566	ng	#	99
82) Chrysene	21.77	228	989381	45.421	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	565694	44.921	ng		99
84) Di-n-octyl phthalate	22.86	149	982064	45.456	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.67	276	1206403	47.289	ng	#	86
87) Benzo(b)fluoranthene	23.94	252	1071620	46.619	ng	#	97
88) Benzo(k)fluoranthene	24.01	252	987430	43.913	ng	#	96
89) Benzo(a)pyrene	24.81	252	1027726	47.514	ng	#	97
90) Dibenzo(a,h)anthracene	28.74	278	973817	45.607	ng	#	96
91) Benzo(g,h,i)perylene	29.82	276	995554	47.642	ng	#	95

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

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