Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037821.D
Acq On : 6 Nov 2018 2:53
Operator : JU/SJ
Sample : PB114495BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Manual Integrations APPROVED
Sohil
11/6/2018 1:21:52 PM

Quant Time: Nov 06 05:59:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55658	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	242950	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	161929	20.00	ng		-0.01
64) Phenanthrene-d10	17.48	188	370221	20.00	ng		0.00
76) Chrysene-d12	21.76	240	336601	20.00	ng		-0.01
87) Perylene-d12	25.09	264	346076	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	461898	138.74	ng		0.00
7) Phenol-d6	7.24	99	654027	129.92	ng		0.00
23) Nitrobenzene-d5	9.28	82	383245	88.37	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	245448	138.97	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	945921	88.09	ng		-0.01
79) Terphenyl-d14	20.07	244	1373020	87.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	48168	28.531	ng		98
3) Pyridine	3.92	79	147823	34.739	ng		96
4) n-Nitrosodimethylamine	3.85	42	67854	44.769	ng	#	85
6) Aniline	7.42	93	95152	15.494	ng		93
8) 2-Chlorophenol	7.65	128	182018	46.736	ng		97
9) Benzaldehyde	7.24	77	117145	37.201	ng		91
10) Phenol	7.27	94	240047	45.194	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	166587	41.295	ng		99
12) 1,3-Dichlorobenzene	7.98	146	180944	41.733	ng		98
13) 1,4-Dichlorobenzene	8.13	146	184149	41.522	ng		96
14) 1,2-Dichlorobenzene	8.45	146	176928	41.472	ng		97
15) Benzyl Alcohol	8.34	79	159255	42.815	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.62	45	303278	42.016	ng		98
17) 2-Methylphenol	8.53	107	165663	47.177	ng		98
18) Hexachloroethane	9.18	117	67519	44.656	ng		97
19) n-Nitroso-di-n-propylamine	8.90	70	135135	38.983	ng		95
20) 3+4-Methylphenols	8.86	107	227537	45.322	ng		96
22) Acetophenone	8.93	105	264330	43.382	ng	#	96
24) Nitrobenzene	9.32	77	203951	45.268	ng		94
25) Isophorone	9.83	82	389246	49.121	ng		96
26) 2-Nitrophenol	10.03	139	105589	52.023	ng		94
27) 2,4-Dimethylphenol	10.07	122	194584	53.695	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	241500	46.515	ng		98
29) 2,4-Dichlorophenol	10.56	162	201898	50.038	ng		99
30) 1,2,4-Trichlorobenzene	10.77	180	197731	45.064	ng		97
31) Naphthalene	10.97	128	579411	48.555	ng		100
32) Benzoic acid	10.19	122	94791	40.272	ng		96
33) 4-Chloroaniline	11.08	127	50815	9.063	ng		96
34) Hexachlorobutadiene	11.23	225	117333	45.118	ng		97
35) Caprolactam	11.87	113	73069m	45.153	ng		
36) 4-Chloro-3-methylphenol	12.18	107	215282	47.310	ng		96
37) 2-Methylnaphthalene	12.57	142	437190	50.259	ng		99
38) 1-Methylnaphthalene	12.78	142	424916	50.299	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	234258	44.850	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	291413	116.802	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	169995	48.717	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	185403	48.800	ng		96
46) 1,1'-Biphenyl	13.56	154	578957	43.172	ng		99
47) 2-Chloronaphthalene	13.61	162	462727	45.608	ng		98
48) 2-Nitroaniline	13.82	65	146206	47.521	ng		88
49) Acenaphthylene	14.46	152	749643	49.119	ng		98
50) Dimethylphthalate	14.18	163	580695	46.355	ng		100
51) 2,6-Dinitrotoluene	14.31	165	132956	47.977	ng		95
52) Acenaphthene	14.80	154	442309	47.058	ng		99
53) 3-Nitroaniline	14.64	138	61509	19.993	ng	#	93
54) 2,4-Dinitrophenol	14.85	184	71127	65.680	ng		98
55) Dibenzofuran	15.13	168	709395	45.553	ng		99
56) 4-Nitrophenol	14.94	139	270567	118.816	ng		99
57) 2,4-Dinitrotoluene	15.09	165	185142	50.895	ng		95
58) Fluorene	15.78	166	572064	49.054	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	160405	49.311	ng		100
60) Diethylphthalate	15.53	149	598833	46.562	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	302159	44.453	ng		99
62) 4-Nitroaniline	15.81	138	141198	46.189	ng		92
63) Azobenzene	16.06	77	558890	45.546	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	81535	43.038	ng		98
66) n-Nitrosodiphenylamine	15.98	169	522733	46.939	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	191853	47.189	ng		99
68) Hexachlorobenzene	16.77	284	191019	45.333	ng		97
69) Atrazine	16.92	200	196107	48.706	ng		99
70) Pentachlorophenol	17.12	266	203425	72.074	ng		96
71) Phenanthrene	17.52	178	930433	49.450	ng		99
72) Anthracene	17.61	178	941089	50.966	ng		97
73) Carbazole	17.88	167	849666	46.001	ng		99
74) Di-n-butylphthalate	18.42	149	995641	48.457	ng		100
75) Fluoranthene	19.52	202	1070633	50.169	ng		99
77) Benzidine	19.71	184	218616	19.101	ng		99
78) Pyrene	19.89	202	1065022	48.401	ng		100
80) Butylbenzylphthalate	20.76	149	455628	50.595	ng		97
81) Benzo(a)anthracene	21.74	228	1004193	50.437	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	147475	19.110	ng		99
83) Chrysene	21.81	228	942322	49.221	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	645364	51.126	ng		98
85) Di-n-octyl phthalate	22.85	149	1084486	52.686	ng		97
86) Indeno(1,2,3-cd)pyrene	28.91	276	946075	46.074	ng	#	92
88) Benzo(b)fluoranthene	24.03	252	964311	50.825	ng		99
89) Benzo(k)fluoranthene	24.10	252	966337	51.985	ng		98
90) Benzo(a)pyrene	24.93	252	958868	53.185	ng		98
91) Dibenzo(a,h)anthracene	28.98	278	703347	42.293	ng		98
92) Benzo(g,h,i)perylene	30.12	276	787196	46.788	ng		97

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

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