Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
Data File : BG038997.D
Acq On : 8 Jan 2019 17:15
Operator : JU/SJ
Sample : PB116241BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116241BS

Manual Integrations APPROVED
Sohil
1/9/2019 11:28:09 AM

Quant Time: Jan 09 02:58:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	22799	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	98758	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	74292	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	188853	20.00	ng		0.00
76) Chrysene-d12	21.71	240	191979	20.00	ng		-0.01
87) Perylene-d12	25.00	264	190749	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	194060	150.97	ng		0.00
7) Phenol-d6	7.21	99	270107	153.07	ng		0.00
23) Nitrobenzene-d5	9.22	82	127691	66.05	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	164530	160.69	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	375706	69.38	ng		-0.01
79) Terphenyl-d14	20.03	244	737830	83.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	17966	30.031	ng		92
3) Pyridine	3.88	79	46119	28.000	ng		95
4) n-Nitrosodimethylamine	3.80	42	27523	34.103	ng	#	97
6) Aniline	7.38	93	77328	34.327	ng		94
8) 2-Chlorophenol	7.61	128	71358	47.971	ng		93
9) Benzaldehyde	7.19	77	13363m	11.673	ng		
10) Phenol	7.24	94	90670	48.364	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	57705	38.660	ng		88
12) 1,3-Dichlorobenzene	7.93	146	70582	40.130	ng		93
13) 1,4-Dichlorobenzene	8.08	146	70913	39.367	ng		96
14) 1,2-Dichlorobenzene	8.40	146	70115	41.288	ng		97
15) Benzyl Alcohol	8.29	79	64028	46.486	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	109893	32.140	ng		94
17) 2-Methylphenol	8.49	107	63871	50.850	ng		97
18) Hexachloroethane	9.12	117	24673	37.484	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	48547	39.170	ng		93
20) 3+4-Methylphenols	8.82	107	87122	50.224	ng		97
22) Acetophenone	8.88	105	100574	40.772	ng		94
24) Nitrobenzene	9.27	77	73486	37.577	ng		94
25) Isophorone	9.78	82	145636	41.931	ng		98
26) 2-Nitrophenol	9.97	139	42747	42.708	ng		92
27) 2,4-Dimethylphenol	10.03	122	73766	51.424	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	84086	42.899	ng		96
29) 2,4-Dichlorophenol	10.51	162	85317	53.462	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	83630	43.385	ng		94
31) Naphthalene	10.91	128	218569	44.919	ng		99
32) Benzoic acid	10.19	122	39190	44.068	ng	#	89
33) 4-Chloroaniline	11.03	127	66415	31.438	ng		94
34) Hexachlorobutadiene	11.17	225	56132	43.035	ng		96
35) Caprolactam	11.82	113	28552m	43.233	ng		
36) 4-Chloro-3-methylphenol	12.14	107	85948	47.195	ng		92
37) 2-Methylnaphthalene	12.51	142	174564	50.286	ng		98
38) 1-Methylnaphthalene	12.74	142	165450	49.116	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	110974	39.962	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	133001	87.175	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	78191	45.793	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	84336	46.650	ng		94
46) 1,1'-Biphenyl	13.52	154	235401	37.797	ng		98
47) 2-Chloronaphthalene	13.56	162	192149	39.941	ng		98
48) 2-Nitroaniline	13.78	65	56596	36.934	ng	#	79
49) Acenaphthylene	14.41	152	311038	43.248	ng		98
50) Dimethylphthalate	14.13	163	261907	43.170	ng		99
51) 2,6-Dinitrotoluene	14.27	165	59667	43.398	ng	#	86
52) Acenaphthene	14.75	154	180306	41.926	ng		98
53) 3-Nitroaniline	14.60	138	43414	30.976	ng		89
54) 2,4-Dinitrophenol	14.82	184	78580	95.017	ng		96
55) Dibenzofuran	15.08	168	312261	42.358	ng		96
56) 4-Nitrophenol	14.91	139	86727	81.570	ng		97
57) 2,4-Dinitrotoluene	15.06	165	84710	43.745	ng		91
58) Fluorene	15.73	166	249878	45.751	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	81336	50.007	ng		96
60) Diethylphthalate	15.49	149	266843	40.065	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	142702	41.876	ng		97
62) 4-Nitroaniline	15.77	138	58970	40.870	ng		99
63) Azobenzene	16.01	77	205956	37.017	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	56802	42.163	ng		84
66) n-Nitrosodiphenylamine	15.94	169	231596	41.737	ng		96
67) 4-Bromophenyl-phenylether	16.61	248	99615	43.190	ng		95
68) Hexachlorobenzene	16.73	284	104774	43.822	ng		94
69) Atrazine	16.88	200	95738	46.491	ng		98
70) Pentachlorophenol	17.08	266	114017	80.624	ng		94
71) Phenanthrene	17.48	178	431515	44.062	ng		98
72) Anthracene	17.56	178	438076	45.312	ng		100
73) Carbazole	17.85	167	389788	40.767	ng		97
74) Di-n-butylphthalate	18.37	149	447950	40.829	ng		99
75) Fluoranthene	19.49	202	539444	44.520	ng		97
77) Benzidine	19.67	184	199905	35.209	ng		98
78) Pyrene	19.85	202	538212	42.437	ng		100
80) Butylbenzylphthalate	20.71	149	201813	40.729	ng		94
81) Benzo(a)anthracene	21.70	228	517916	44.273	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	149027	32.121	ng		99
83) Chrysene	21.76	228	486229	43.152	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	281476	40.053	ng		97
85) Di-n-octyl phthalate	22.78	149	483244	41.060	ng		95
86) Indeno(1,2,3-cd)pyrene	28.78	276	585751	44.218	ng	#	94
88) Benzo(b)fluoranthene	23.95	252	519254	49.581	ng		97
89) Benzo(k)fluoranthene	24.02	252	502724	48.205	ng		97
90) Benzo(a)pyrene	24.85	252	500059	49.493	ng		97
91) Dibenzo(a,h)anthracene	28.84	278	482980	48.010	ng		99
92) Benzo(g,h,i)perylene	29.98	276	491405	49.566	ng		95

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

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