Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040100.D
Acq On : 23 Mar 2019 3:34
Operator : JU/SJ
Sample : PB118181BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118181BSD

Manual Integrations APPROVED
Sohil
3/25/2019 11:58:11 AM

Quant Time: Mar 23 04:34:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36769	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	162867	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	111673	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	277091	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	265026	20.00	ng		-0.02
87) Perylene-d12	25.16	264	271760	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	176126	81.72	ng		-0.02
7) Phenol-d6	7.29	99	258580	80.46	ng		-0.02
23) Nitrobenzene-d5	9.32	82	220725	73.30	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	105809	81.29	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	580935	74.07	ng		-0.02
79) Terphenyl-d14	20.11	244	818583	68.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	23906	24.025	ng		99
3) Pyridine	3.97	79	66925	25.123	ng		91
4) n-Nitrosodimethylamine	3.90	42	37597	29.751	ng		83
6) Aniline	7.46	93	54185	12.870	ng		100
8) 2-Chlorophenol	7.71	128	96730	36.994	ng		94
9) Benzaldehyde	7.28	77	25684	12.390	ng		95
10) Phenol	7.32	94	131002	37.629	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	90204	33.232	ng		95
12) 1,3-Dichlorobenzene	8.03	146	95284	32.221	ng		99
13) 1,4-Dichlorobenzene	8.18	146	96713	32.107	ng		96
14) 1,2-Dichlorobenzene	8.50	146	95007	32.645	ng		98
15) Benzyl Alcohol	8.38	79	88700	34.795	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	164298	30.265	ng		96
17) 2-Methylphenol	8.57	107	82951	37.368	ng		98
18) Hexachloroethane	9.23	117	33425	30.926	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	72925	31.527	ng		90
20) 3+4-Methylphenols	8.90	107	114571	37.151	ng		97
22) Acetophenone	8.97	105	140208	32.075	ng	#	93
24) Nitrobenzene	9.36	77	110096	34.850	ng		96
25) Isophorone	9.87	82	211971	33.594	ng		98
26) 2-Nitrophenol	10.07	139	56353	36.946	ng		96
27) 2,4-Dimethylphenol	10.11	122	100706	42.452	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	130550	34.046	ng		98
29) 2,4-Dichlorophenol	10.60	162	108201	40.511	ng		98
30) 1,2,4-Trichlorobenzene	10.82	180	106240	35.349	ng		95
31) Naphthalene	11.01	128	298691	34.638	ng		99
32) Benzoic acid	10.24	122	47088	31.534	ng		97
33) 4-Chloroaniline	11.13	127	36039	9.856	ng		94
34) Hexachlorobutadiene	11.27	225	69433	33.808	ng		96
35) Caprolactam	11.91	113	35242	34.542	ng	#	91
36) 4-Chloro-3-methylphenol	12.23	107	115395	37.690	ng		98
37) 2-Methylnaphthalene	12.61	142	229749	35.637	ng		96
38) 1-Methylnaphthalene	12.83	142	221571	35.366	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	130419	34.473	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	171313	84.497	ng		100
43) 2,4,6-Trichlorophenol	13.20	196	89595	40.451	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	96927	38.824	ng		97
46) 1,1'-Biphenyl	13.60	154	318941	34.724	ng		99
47) 2-Chloronaphthalene	13.66	162	248206	35.921	ng		98
48) 2-Nitroaniline	13.86	65	81914	36.889	ng		92
49) Acenaphthylene	14.50	152	398697	35.149	ng		99
50) Dimethylphthalate	14.21	163	333687	35.734	ng		99
51) 2,6-Dinitrotoluene	14.35	165	75163	37.969	ng		93
52) Acenaphthene	14.84	154	241067	35.310	ng		99
53) 3-Nitroaniline	14.68	138	29899	15.025	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	64515	53.539	ng		93
55) Dibenzofuran	15.17	168	405441	36.196	ng		99
56) 4-Nitrophenol	14.98	139	117403	65.952	ng		91
57) 2,4-Dinitrotoluene	15.13	165	107791	38.752	ng	#	87
58) Fluorene	15.81	166	320941	36.447	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	97553	40.010	ng		97
60) Diethylphthalate	15.57	149	336972	36.453	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	170422	36.268	ng		94
62) 4-Nitroaniline	15.85	138	74669	34.612	ng		93
63) Azobenzene	16.09	77	298692	35.646	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	57002	34.792	ng		95
66) n-Nitrosodiphenylamine	16.02	169	295411	36.826	ng		96
67) 4-Bromophenyl-phenylether	16.69	248	112659	36.323	ng		95
68) Hexachlorobenzene	16.81	284	116192	36.141	ng		95
69) Atrazine	16.96	200	116129	36.783	ng		97
70) Pentachlorophenol	17.16	266	130293	64.170	ng		98
71) Phenanthrene	17.56	178	540713	35.428	ng		99
72) Anthracene	17.65	178	546282	36.729	ng		99
73) Carbazole	17.92	167	467861	34.893	ng		98
74) Di-n-butylphthalate	18.45	149	576831	36.564	ng		99
75) Fluoranthene	19.56	202	631417	35.006	ng		98
77) Benzidine	19.74	184	125888	14.969	ng		99
78) Pyrene	19.92	202	636893	36.982	ng		99
80) Butylbenzylphthalate	20.79	149	253201	37.949	ng		94
81) Benzo(a)anthracene	21.78	228	587059	35.344	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	101104	16.672	ng		100
83) Chrysene	21.85	228	568437	35.300	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	349337	37.259	ng		99
85) Di-n-octyl phthalate	22.90	149	592764	38.183	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.03	276	658734	36.060	ng	#	92
88) Benzo(b)fluoranthene	24.09	252	593320m	36.612	ng		
89) Benzo(k)fluoranthene	24.16	252	562464	37.286	ng		98
90) Benzo(a)pyrene	25.01	252	567450	37.894	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	535625	36.485	ng		97
92) Benzo(g,h,i)perylene	30.25	276	539797	36.611	ng		95

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

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