Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040284.D
Acq On : 2 Apr 2019 4:28
Operator : JU/SJ
Sample : PB118474BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118474BS

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:28 PM

Quant Time: Apr 02 09:15:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	73626	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	337323	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	242200	20.00	ng		-0.02
64) Phenanthrene-d10	17.44	188	589354	20.00	ng		-0.01
76) Chrysene-d12	21.73	240	565683m	20.00	ng		0.00
87) Perylene-d12	25.12	264	532692	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	664656	150.07	ng		-0.01
7) Phenol-d6	7.21	99	957199	156.39	ng		-0.01
23) Nitrobenzene-d5	9.23	82	560393	88.30	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	409774	156.55	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1354264	82.85	ng		-0.01
79) Terphenyl-d14	20.05	244	2195088	87.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	59871	28.749	ng		98
3) Pyridine	3.90	79	174888	31.191	ng		97
4) n-Nitrosodimethylamine	3.82	42	92750	35.760	ng	#	90
6) Aniline	7.38	93	276926	34.824	ng		98
8) 2-Chlorophenol	7.62	128	234833	45.296	ng		97
9) Benzaldehyde	7.20	77	107220	25.538	ng		97
10) Phenol	7.24	94	317724	47.824	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	214828	40.373	ng		95
12) 1,3-Dichlorobenzene	7.94	146	212967	37.788	ng		96
13) 1,4-Dichlorobenzene	8.09	146	218404	38.909	ng		99
14) 1,2-Dichlorobenzene	8.41	146	214116	39.889	ng		96
15) Benzyl Alcohol	8.29	79	222491	45.136	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	401435	39.309	ng		100
17) 2-Methylphenol	8.49	107	219751	47.801	ng		99
18) Hexachloroethane	9.13	117	80542	37.723	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	182338	41.550	ng		99
20) 3+4-Methylphenols	8.82	107	311975	50.094	ng		98
22) Acetophenone	8.89	105	358513	42.607	ng	#	99
24) Nitrobenzene	9.27	77	270713	41.194	ng		99
25) Isophorone	9.79	82	548643	42.017	ng		97
26) 2-Nitrophenol	9.98	139	137508	44.159	ng		96
27) 2,4-Dimethylphenol	10.03	122	248197	50.179	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	324584	42.015	ng		99
29) 2,4-Dichlorophenol	10.51	162	266834	49.701	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	245303	41.611	ng		96
31) Naphthalene	10.92	128	730318	42.239	ng		98
32) Benzoic acid	10.19	122	137943	46.158	ng		92
33) 4-Chloroaniline	11.03	127	156648	21.240	ng		98
34) Hexachlorobutadiene	11.18	225	144199	38.247	ng		97
35) Caprolactam	11.84	113	77077m	36.177	ng		
36) 4-Chloro-3-methylphenol	12.15	107	312532	50.636	ng		99
37) 2-Methylnaphthalene	12.52	142	577002	45.122	ng		97
38) 1-Methylnaphthalene	12.74	142	557325	44.945	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	297477	38.644	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	342192	80.959	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	235080	47.365	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	255742	47.275	ng	97
46) 1,1'-Biphenyl	13.52	154	759804	39.703	ng	99
47) 2-Chloronaphthalene	13.57	162	605966	41.280	ng	98
48) 2-Nitroaniline	13.78	65	212788	42.975	ng	96
49) Acenaphthylene	14.42	152	1021847	41.057	ng	98
50) Dimethylphthalate	14.14	163	794449	41.911	ng	100
51) 2,6-Dinitrotoluene	14.28	165	189901	44.617	ng	96
52) Acenaphthene	14.75	154	598311	41.953	ng	98
53) 3-Nitroaniline	14.61	138	136309	30.255	ng	96
54) 2,4-Dinitrophenol	14.82	184	216276	95.548	ng	91
55) Dibenzofuran	15.09	168	981251	42.819	ng	98
56) 4-Nitrophenol	14.92	139	323658	89.011	ng	97
57) 2,4-Dinitrotoluene	15.06	165	269952	45.646	ng	99
58) Fluorene	15.73	166	774449	42.984	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	237760	48.433	ng	98
60) Diethylphthalate	15.49	149	843693	43.496	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	425724	44.205	ng	98
62) 4-Nitroaniline	15.79	138	191650	39.638	ng	99
63) Azobenzene	16.01	77	774534	42.332	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	163783	49.465	ng	93
66) n-Nitrosodiphenylamine	15.94	169	728827	42.260	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	283810	42.792	ng	98
68) Hexachlorobenzene	16.73	284	289636	43.434	ng	99
69) Atrazine	16.89	200	254234	39.629	ng	99
70) Pentachlorophenol	17.08	266	340459	88.309	ng	96
71) Phenanthrene	17.48	178	1290872	41.671	ng	97
72) Anthracene	17.57	178	1314824	42.405	ng	97
73) Carbazole	17.85	167	1224134	41.717	ng	98
74) Di-n-butylphthalate	18.38	149	1402125	40.311	ng	99
75) Fluoranthene	19.48	202	1486448	40.523	ng	98
77) Benzidine	19.67	184	500712	24.512	ng	98
78) Pyrene	19.85	202	1482000	39.839	ng	96
80) Butylbenzylphthalate	20.72	149	663146	41.659	ng	97
81) Benzo(a)anthracene	21.70	228	1392596	39.968	ng	96
82) 3,3'-Dichlorobenzidine	21.63	252	345415	26.060	ng	98
83) Chrysene	21.80	228	1443407	43.104	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	922279	40.531	ng	99
85) Di-n-octyl phthalate	22.83	149	1595900	41.165	ng	99
86) Indeno(1,2,3-cd)pyrene	29.02	276	1713394m	41.835	ng	
88) Benzo(b)fluoranthene	23.99	252	1645446m	50.453	ng	
89) Benzo(k)fluoranthene	24.09	252	1286901	42.908	ng	98
90) Benzo(a)pyrene	24.94	252	1434799	46.889	ng	98
91) Dibenzo(a,h)anthracene	29.05	278	1420328m	49.977	ng	
92) Benzo(g,h,i)perylene	30.37	276	1431198m	49.002	ng	

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

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