Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
Data File : BG040322.D
Acq On : 3 Apr 2019 10:07
Operator : JU/SJ
Sample : PB118519BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118519BS

Manual Integrations APPROVED
Sohil
4/3/2019 5:23:15 PM

Quant Time: Apr 03 16:34:45 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	54880	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	237407	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	164880	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	418759	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	401386	20.00	ng		-0.02
87) Perylene-d12	25.06	264	414057	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	419744	127.15	ng		0.00
7) Phenol-d6	7.21	99	603074	132.18	ng		-0.02
23) Nitrobenzene-d5	9.23	82	343190	76.84	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	238818	134.02	ng		-0.02
45) 2-Fluorobiphenyl	13.31	172	840767	75.56	ng		-0.02
79) Terphenyl-d14	20.03	244	1334180	74.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	49977	32.196	ng		98
3) Pyridine	3.90	79	136644	32.694	ng		99
4) n-Nitrosodimethylamine	3.82	42	64896	33.568	ng	#	86
6) Aniline	7.38	93	90127	15.205	ng		95
8) 2-Chlorophenol	7.62	128	150021	38.821	ng		98
9) Benzaldehyde	7.20	77	68679	21.946	ng		93
10) Phenol	7.24	94	203310	41.056	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	142994	36.052	ng		99
12) 1,3-Dichlorobenzene	7.94	146	144429	34.381	ng		98
13) 1,4-Dichlorobenzene	8.09	146	147997	35.372	ng		97
14) 1,2-Dichlorobenzene	8.41	146	143285	35.811	ng		99
15) Benzyl Alcohol	8.29	79	137772	37.496	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	264232	34.712	ng		97
17) 2-Methylphenol	8.49	107	137903	40.244	ng		98
18) Hexachloroethane	9.13	117	52447	32.955	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	114630	35.043	ng		98
20) 3+4-Methylphenols	8.82	107	195266	42.064	ng		98
22) Acetophenone	8.88	105	221767	37.447	ng	#	97
24) Nitrobenzene	9.27	77	171280	37.032	ng		98
25) Isophorone	9.79	82	336890	36.658	ng		99
26) 2-Nitrophenol	9.98	139	85709	39.108	ng		97
27) 2,4-Dimethylphenol	10.03	122	158536	45.541	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	204574	37.626	ng		98
29) 2,4-Dichlorophenol	10.52	162	162414	42.983	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	154335	37.198	ng		99
31) Naphthalene	10.92	128	467583	38.425	ng		99
32) Benzoic acid	10.14	122	11999m	5.705	ng		
33) 4-Chloroaniline	11.03	127	71800	13.833	ng		96
34) Hexachlorobutadiene	11.18	225	89901	33.880	ng		95
35) Caprolactam	11.81	113	62130	41.434	ng		95
36) 4-Chloro-3-methylphenol	12.14	107	190262	43.799	ng		99
37) 2-Methylnaphthalene	12.52	142	361496	40.167	ng		98
38) 1-Methylnaphthalene	12.74	142	344610	39.487	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	183536	35.023	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	203320	70.661 ng	95
43) 2,4,6-Trichlorophenol	13.12	196	141684	41.935 ng	96
44) 2,4,5-Trichlorophenol	13.19	196	154329	41.907 ng	99
46) 1,1'-Biphenyl	13.52	154	473699	36.361 ng	98
47) 2-Chloronaphthalene	13.57	162	374486	37.475 ng	96
48) 2-Nitroaniline	13.78	65	132896	39.426 ng	94
49) Acenaphthylene	14.41	152	638706	37.697 ng	100
50) Dimethylphthalate	14.13	163	499765	38.729 ng	98
51) 2,6-Dinitrotoluene	14.27	165	113924	39.319 ng	98
52) Acenaphthene	14.75	154	373740	38.496 ng	97
53) 3-Nitroaniline	14.60	138	56820	18.526 ng	93
54) 2,4-Dinitrophenol	14.81	184	16312	10.586 ng	95
55) Dibenzofuran	15.08	168	626432	40.155 ng	99
56) 4-Nitrophenol	14.90	139	164049	66.273 ng	98
57) 2,4-Dinitrotoluene	15.05	165	163951	40.723 ng	95
58) Fluorene	15.73	166	487479	39.745 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	141486	42.338 ng	99
60) Diethylphthalate	15.49	149	525726	39.813 ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	265652	40.520 ng	98
62) 4-Nitroaniline	15.77	138	131721	40.019 ng	97
63) Azobenzene	16.01	77	498664	40.036 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	37059	15.752 ng	96
66) n-Nitrosodiphenylamine	15.94	169	463255	37.804 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	175871	37.320 ng	97
68) Hexachlorobenzene	16.73	284	179167	37.813 ng	93
69) Atrazine	16.88	200	156939	34.428 ng	96
70) Pentachlorophenol	17.08	266	119408	43.590 ng	95
71) Phenanthrene	17.47	178	841322	38.223 ng	98
72) Anthracene	17.57	178	848793	38.527 ng	100
73) Carbazole	17.84	167	782209	37.516 ng	100
74) Di-n-butylphthalate	18.37	149	929061	37.592 ng	100
75) Fluoranthene	19.48	202	990351	37.998 ng	99
77) Benzidine	19.67	184	188682	13.017 ng	98
78) Pyrene	19.85	202	1006248	38.122 ng	98
80) Butylbenzylphthalate	20.72	149	422798	37.432 ng	95
81) Benzo(a)anthracene	21.69	228	953145	38.553 ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	134093	14.258 ng	98
83) Chrysene	21.77	228	895928	37.707 ng	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	586791	36.343 ng	99
85) Di-n-octyl phthalate	22.81	149	1025871	37.293 ng	98
86) Indeno(1,2,3-cd)pyrene	28.90	276	1123533m	38.662 ng	
88) Benzo(b)fluoranthene	23.97	252	968104	38.189 ng	99
89) Benzo(k)fluoranthene	24.04	252	949426	40.726 ng	99
90) Benzo(a)pyrene	24.90	252	950390	39.957 ng	99
91) Dibenzo(a,h)anthracene	29.01	278	922294m	41.751 ng	
92) Benzo(g,h,i)perylene	30.22	276	927985	40.876 ng	99

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

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