Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
Data File : BG040365.D
Acq On : 4 Apr 2019 18:37
Operator : JU/SJ
Sample : PB118524BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118524BS

Manual Integrations APPROVED
Sohil
4/5/2019 12:24:50 PM

Quant Time: Apr 05 05:56:19 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	54862	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	213525	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	134809	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	347341	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	372668	20.00	ng		-0.03
87) Perylene-d12	24.97	264	373530	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	425003	128.78	ng		-0.02
7) Phenol-d6	7.21	99	564870	123.85	ng		-0.02
23) Nitrobenzene-d5	9.22	82	306145	76.21	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	215380	147.83	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	710165	78.06	ng		-0.02
79) Terphenyl-d14	20.02	244	1262635	76.22	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	89525	57.692	ng		97
3) Pyridine	3.89	79	159240	38.113	ng		95
4) n-Nitrosodimethylamine	3.82	42	71341	36.913	ng	#	89
6) Aniline	7.37	93	150887	25.464	ng		96
8) 2-Chlorophenol	7.61	128	151762	39.285	ng		96
9) Benzaldehyde	7.19	77	42992	13.742	ng		97
10) Phenol	7.23	94	200695	40.541	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	148458	37.442	ng		99
12) 1,3-Dichlorobenzene	7.94	146	160243	38.158	ng		99
13) 1,4-Dichlorobenzene	8.08	146	162941	38.957	ng		98
14) 1,2-Dichlorobenzene	8.40	146	153994	38.500	ng		99
15) Benzyl Alcohol	8.29	79	132132	35.973	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	274894	36.125	ng		98
17) 2-Methylphenol	8.49	107	134867	39.371	ng		97
18) Hexachloroethane	9.13	117	59642	37.488	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	116649	35.672	ng		91
20) 3+4-Methylphenols	8.82	107	185567	39.987	ng		99
22) Acetophenone	8.88	105	223754	42.009	ng	#	96
24) Nitrobenzene	9.26	77	169562	40.761	ng		98
25) Isophorone	9.77	82	324145	39.216	ng		99
26) 2-Nitrophenol	9.97	139	83639	42.432	ng		95
27) 2,4-Dimethylphenol	10.02	122	143810	45.931	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	199795	40.857	ng		99
29) 2,4-Dichlorophenol	10.51	162	152405	44.845	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	158646	42.514	ng		99
31) Naphthalene	10.91	128	463474	42.347	ng		99
32) Benzoic acid	10.14	122	70857m	37.457	ng		
33) 4-Chloroaniline	11.03	127	121197	25.961	ng		98
34) Hexachlorobutadiene	11.17	225	96486	40.429	ng		96
35) Caprolactam	11.81	113	54023m	40.057	ng		
36) 4-Chloro-3-methylphenol	12.14	107	169082	43.277	ng		97
37) 2-Methylnaphthalene	12.51	142	344227	42.526	ng		99
38) 1-Methylnaphthalene	12.73	142	329510	41.980	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	176129	41.106	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	202214	85.953	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	124257	44.980	ng	92
44) 2,4,5-Trichlorophenol	13.19	196	135104	44.870	ng	99
46) 1,1'-Biphenyl	13.51	154	438583	41.175	ng	99
47) 2-Chloronaphthalene	13.56	162	344039	42.107	ng	98
48) 2-Nitroaniline	13.77	65	116802	42.381	ng	94
49) Acenaphthylene	14.40	152	570646	41.193	ng	100
50) Dimethylphthalate	14.13	163	442842	41.973	ng	99
51) 2,6-Dinitrotoluene	14.26	165	102497	43.266	ng	95
52) Acenaphthene	14.74	154	330250	41.604	ng	97
53) 3-Nitroaniline	14.60	138	79529	31.714	ng	97
54) 2,4-Dinitrophenol	14.80	184	106342	84.406	ng	90
55) Dibenzofuran	15.07	168	555252	43.532	ng	99
56) 4-Nitrophenol	14.90	139	178869	88.378	ng	97
57) 2,4-Dinitrotoluene	15.04	165	147373	44.770	ng	99
58) Fluorene	15.73	166	435156	43.393	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	130409	47.728	ng	99
60) Diethylphthalate	15.48	149	463446	42.926	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	234547	43.755	ng	98
62) 4-Nitroaniline	15.76	138	117202	43.551	ng	99
63) Azobenzene	16.00	77	432767	42.495	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	84176	43.136	ng	99
66) n-Nitrosodiphenylamine	15.93	169	414052	40.736	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	153573	39.289	ng	98
68) Hexachlorobenzene	16.72	284	158781	40.401	ng	99
69) Atrazine	16.87	200	157200	41.576	ng	98
70) Pentachlorophenol	17.07	266	179663	79.071	ng	94
71) Phenanthrene	17.47	178	763230	41.805	ng	99
72) Anthracene	17.56	178	780420	42.707	ng	99
73) Carbazole	17.83	167	754051	43.602	ng	99
74) Di-n-butylphthalate	18.36	149	891314	43.480	ng	100
75) Fluoranthene	19.47	202	974729	45.088	ng	100
77) Benzidine	19.66	184	358365	26.629	ng	98
78) Pyrene	19.83	202	998927	40.761	ng	99
80) Butylbenzylphthalate	20.70	149	438699	41.833	ng	97
81) Benzo(a)anthracene	21.68	228	935708	40.764	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	242816	27.808	ng	98
83) Chrysene	21.74	228	907699	41.146	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	626430	41.788	ng	99
85) Di-n-octyl phthalate	22.76	149	1057530	41.406	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1106940	41.026	ng	99
88) Benzo(b)fluoranthene	23.92	252	982453	42.960	ng	99
89) Benzo(k)fluoranthene	23.99	252	945255	44.947	ng	98
90) Benzo(a)pyrene	24.82	252	956103	44.559	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	905680	45.447	ng	97
92) Benzo(g,h,i)perylene	29.92	276	929004	45.361	ng	98

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

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