Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040038.D
Acq On : 20 Mar 2019 16:23
Operator : JU/SJ
Sample : PB118051BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118051BSD

Manual Integrations APPROVED
Sohil
3/25/2019 4:17:02 PM

Quant Time: Mar 21 10:40:07 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	44566	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	194718	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	131560	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	328067	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	312341	20.00	ng		-0.03
87) Perylene-d12	25.16	264	301336	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	392554	150.27	ng		-0.02
7) Phenol-d6	7.30	99	560492	143.90	ng		-0.02
23) Nitrobenzene-d5	9.32	82	339476	94.29	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	229580	149.72	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	824235	89.20	ng		-0.02
79) Terphenyl-d14	20.11	244	1268778	89.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	29935	24.821	ng		98
3) Pyridine	3.98	79	93754	29.037	ng		99
4) n-Nitrosodimethylamine	3.90	42	55574	36.283	ng	#	79
6) Aniline	7.47	93	141714	27.770	ng		98
8) 2-Chlorophenol	7.71	128	132939	41.947	ng		94
9) Benzaldehyde	7.28	77	65431	26.041	ng		95
10) Phenol	7.33	94	181615	43.041	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	127546	38.769	ng		99
12) 1,3-Dichlorobenzene	8.03	146	136759	38.155	ng		95
13) 1,4-Dichlorobenzene	8.18	146	140801	38.566	ng		95
14) 1,2-Dichlorobenzene	8.50	146	135975	38.547	ng		97
15) Benzyl Alcohol	8.38	79	125870	40.737	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	245420	37.299	ng		97
17) 2-Methylphenol	8.58	107	117644	43.724	ng		97
18) Hexachloroethane	9.22	117	50434	38.499	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	107919	38.493	ng		89
20) 3+4-Methylphenols	8.91	107	162798	43.554	ng		99
22) Acetophenone	8.97	105	204729	39.174	ng	#	95
24) Nitrobenzene	9.36	77	159895	42.334	ng		95
25) Isophorone	9.87	82	309043	40.967	ng		99
26) 2-Nitrophenol	10.07	139	80135	43.944	ng		97
27) 2,4-Dimethylphenol	10.12	122	137427	48.455	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	189104	41.250	ng		96
29) 2,4-Dichlorophenol	10.60	162	150358	47.087	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	149556	41.622	ng		100
31) Naphthalene	11.01	128	420947	40.831	ng		99
32) Benzoic acid	10.26	122	72254	38.602	ng		98
33) 4-Chloroaniline	11.13	127	53664	12.275	ng		98
34) Hexachlorobutadiene	11.27	225	100188	40.803	ng		96
35) Caprolactam	11.91	113	52846m	43.324	ng		
36) 4-Chloro-3-methylphenol	12.23	107	164113	44.834	ng		97
37) 2-Methylnaphthalene	12.61	142	320306	41.557	ng		99
38) 1-Methylnaphthalene	12.82	142	308823	41.229	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	181180	40.651	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	245839	102.927	ng		97
43) 2,4,6-Trichlorophenol	13.21	196	126326	48.413	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	137242	46.662	ng		100
46) 1,1'-Biphenyl	13.60	154	438915	40.563	ng		98
47) 2-Chloronaphthalene	13.65	162	341147	41.908	ng		99
48) 2-Nitroaniline	13.86	65	119536	45.694	ng		93
49) Acenaphthylene	14.50	152	556419	41.638	ng		99
50) Dimethylphthalate	14.22	163	472507	42.952	ng		100
51) 2,6-Dinitrotoluene	14.35	165	107479	46.086	ng		95
52) Acenaphthene	14.83	154	337282	41.935	ng		97
53) 3-Nitroaniline	14.68	138	50025	21.339	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	135580	91.385	ng		97
55) Dibenzofuran	15.17	168	553810	41.968	ng		98
56) 4-Nitrophenol	14.99	139	179916	85.791	ng		90
57) 2,4-Dinitrotoluene	15.13	165	151062	46.099	ng		86
58) Fluorene	15.81	166	442531	42.659	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	134957	46.984	ng		98
60) Diethylphthalate	15.57	149	482634	44.319	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	234442	42.351	ng		98
62) 4-Nitroaniline	15.85	138	109944	43.260	ng		97
63) Azobenzene	16.09	77	423139	42.864	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	97526	50.278	ng		96
66) n-Nitrosodiphenylamine	16.02	169	409025	43.066	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	155950	42.468	ng		95
68) Hexachlorobenzene	16.81	284	160146	42.072	ng		99
69) Atrazine	16.96	200	152981	40.927	ng		98
70) Pentachlorophenol	17.16	266	215968	89.838	ng		98
71) Phenanthrene	17.56	178	745539	41.258	ng		100
72) Anthracene	17.65	178	753957	42.816	ng		98
73) Carbazole	17.92	167	653688	41.177	ng		99
74) Di-n-butylphthalate	18.45	149	807012	43.206	ng		100
75) Fluoranthene	19.56	202	874503	40.949	ng		98
77) Benzidine	19.74	184	265941	26.832	ng		98
78) Pyrene	19.92	202	884411	43.575	ng		99
80) Butylbenzylphthalate	20.78	149	362301	46.075	ng		97
81) Benzo(a)anthracene	21.78	228	848040	43.322	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	165846	23.206	ng		98
83) Chrysene	21.85	228	778181	41.005	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	499895	45.240	ng		99
85) Di-n-octyl phthalate	22.89	149	851197	46.524	ng		95
86) Indeno(1,2,3-cd)pyrene	29.01	276	928142	43.111	ng	#	93
88) Benzo(b)fluoranthene	24.08	252	797000	44.354	ng		98
89) Benzo(k)fluoranthene	24.16	252	791206	47.302	ng		99
90) Benzo(a)pyrene	25.00	252	793580	47.793	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	746687	45.870	ng		99
92) Benzo(g,h,i)perylene	30.25	276	768153	46.985	ng		98

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

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