Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039871.D
Acq On : 12 Mar 2019 12:57
Operator : JU/SJ
Sample : PB117825BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117825BS

Manual Integrations APPROVED
Sohil
3/13/2019 5:49:18 PM

Quant Time: Mar 13 06:34:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37834	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	162841	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	115229	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	289440	20.00	ng		0.00
76) Chrysene-d12	21.81	240	302589	20.00	ng		0.00
87) Perylene-d12	25.18	264	286200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	317675	143.25	ng		0.00
7) Phenol-d6	7.30	99	451066	136.41	ng		0.00
23) Nitrobenzene-d5	9.33	82	234458	77.87	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	185454	138.08	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	585984	72.41	ng		0.00
79) Terphenyl-d14	20.12	244	1032597	75.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	39733	38.808	ng		97
3) Pyridine	3.99	79	96142	35.075	ng		96
4) n-Nitrosodimethylamine	3.91	42	51123	39.316	ng		84
6) Aniline	7.48	93	116836	26.969	ng		99
8) 2-Chlorophenol	7.72	128	111641	41.495	ng		98
9) Benzaldehyde	7.29	77	58545	27.447	ng		91
10) Phenol	7.33	94	151703	42.349	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	104340	37.358	ng		98
12) 1,3-Dichlorobenzene	8.04	146	114014	37.469	ng		98
13) 1,4-Dichlorobenzene	8.19	146	117448	37.893	ng		99
14) 1,2-Dichlorobenzene	8.51	146	113034	37.746	ng		99
15) Benzyl Alcohol	8.39	79	104514	39.844	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	202485	36.249	ng		99
17) 2-Methylphenol	8.59	107	97075	42.499	ng		96
18) Hexachloroethane	9.24	117	42430	38.152	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	84522	35.512	ng		94
20) 3+4-Methylphenols	8.91	107	133929	42.206	ng		98
22) Acetophenone	8.99	105	161810	37.022	ng	#	94
24) Nitrobenzene	9.37	77	128335	40.630	ng		97
25) Isophorone	9.88	82	242104	38.376	ng		98
26) 2-Nitrophenol	10.08	139	63757	41.806	ng		97
27) 2,4-Dimethylphenol	10.12	122	117043	49.346	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	148480	38.729	ng		98
29) 2,4-Dichlorophenol	10.61	162	123361	46.195	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	120277	40.026	ng		99
31) Naphthalene	11.03	128	342849	39.766	ng		99
32) Benzoic acid	10.26	122	63126	40.032	ng		94
33) 4-Chloroaniline	11.14	127	91270	24.965	ng		93
34) Hexachlorobutadiene	11.29	225	77892	37.933	ng		98
35) Caprolactam	11.92	113	42697m	41.856	ng		
36) 4-Chloro-3-methylphenol	12.23	107	132172	43.176	ng		98
37) 2-Methylnaphthalene	12.62	142	261521	40.572	ng		99
38) 1-Methylnaphthalene	12.84	142	249453	39.822	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	146746	37.592	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	175504	83.893	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	104247	45.614	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	111673	43.350	ng		99
46) 1,1'-Biphenyl	13.61	154	360015	37.987	ng		99
47) 2-Chloronaphthalene	13.66	162	277029	38.855	ng		99
48) 2-Nitroaniline	13.87	65	97590	42.592	ng		96
49) Acenaphthylene	14.51	152	448955	38.358	ng		99
50) Dimethylphthalate	14.23	163	378202	39.252	ng		99
51) 2,6-Dinitrotoluene	14.36	165	84822	41.526	ng		95
52) Acenaphthene	14.84	154	274809	39.010	ng		99
53) 3-Nitroaniline	14.70	138	60328	29.381	ng	#	87
54) 2,4-Dinitrophenol	14.89	184	86983	68.344	ng		100
55) Dibenzofuran	15.18	168	456677	39.512	ng		99
56) 4-Nitrophenol	14.99	139	149425	81.350	ng		91
57) 2,4-Dinitrotoluene	15.14	165	123405	42.996	ng		87
58) Fluorene	15.82	166	365605	40.238	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	115826	46.038	ng		96
60) Diethylphthalate	15.58	149	384105	40.270	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	190664	39.324	ng		94
62) 4-Nitroaniline	15.86	138	92216	41.427	ng		91
63) Azobenzene	16.10	77	349241	40.392	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	68262	39.887	ng		95
66) n-Nitrosodiphenylamine	16.03	169	336810	40.195	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	126583	39.071	ng		96
68) Hexachlorobenzene	16.82	284	131643	39.200	ng		96
69) Atrazine	16.96	200	135920	41.215	ng		96
70) Pentachlorophenol	17.17	266	163003	76.855	ng		95
71) Phenanthrene	17.57	178	624912	39.197	ng		98
72) Anthracene	17.66	178	636645	40.979	ng		100
73) Carbazole	17.93	167	568354	40.580	ng		98
74) Di-n-butylphthalate	18.46	149	685659	41.608	ng		99
75) Fluoranthene	19.56	202	764673	40.585	ng		99
77) Benzidine	19.75	184	273307	28.463	ng		100
78) Pyrene	19.93	202	761264	38.717	ng		99
80) Butylbenzylphthalate	20.79	149	321852	42.250	ng		97
81) Benzo(a)anthracene	21.79	228	729339	38.459	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	188222	27.185	ng		98
83) Chrysene	21.86	228	709096	38.569	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	444677	41.540	ng		99
85) Di-n-octyl phthalate	22.91	149	761203	42.946	ng		95
86) Indeno(1,2,3-cd)pyrene	29.06	276	809149	38.795	ng		97
88) Benzo(b)fluoranthene	24.10	252	726262	42.554	ng		98
89) Benzo(k)fluoranthene	24.17	252	708230	44.581	ng		99
90) Benzo(a)pyrene	25.02	252	704391	44.665	ng		98
91) Dibenzo(a,h)anthracene	29.13	278	644739	41.702	ng		98
92) Benzo(g,h,i)perylene	30.27	276	661108	42.576	ng		97

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

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