Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001158.D
Acq On : 03 Dec 2019 16:41
Operator : JU
Sample : PB125130BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125130BS

Manual Integrations APPROVED
mohammad
12/4/2019 5:00:37 PM

Quant Time: Dec 04 04:12:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	113772	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	450587	20.00	ng		-0.01
39) Acenaphthene-d10	13.22	164	256450	20.00	ng		-0.02
64) Phenanthrene-d10	15.62	188	478433	20.00	ng		-0.01
76) Chrysene-d12	19.26	240	374094	20.00	ng		-0.01
87) Perylene-d12	21.03	264	335950	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	915364	133.48	ng		0.00
7) Phenol-d6	7.77	99	1212534	132.72	ng		0.00
23) Nitrobenzene-d5	9.20	82	668507	64.37	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	306992	124.89	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1101813	62.88	ng		-0.02
79) Terphenyl-d14	17.90	244	1249894	61.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	120618	37.657	ng		97
3) Pyridine	3.48	79	303018	34.092	ng		94
4) n-Nitrosodimethylamine	3.38	42	189719	49.327	ng		85
6) Aniline	7.79	93	360305	29.745	ng	#	41
8) 2-Chlorophenol	7.98	128	335037	47.221	ng		97
9) Benzaldehyde	7.61	77	162386	28.207	ng		100
10) Phenol	7.79	94	482911	46.470	ng		92
11) bis(2-Chloroethyl)ether	7.92	93	357630	44.195	ng		99
12) 1,3-Dichlorobenzene	8.22	146	358638	42.646	ng		98
13) 1,4-Dichlorobenzene	8.34	146	363568	42.917	ng		99
14) 1,2-Dichlorobenzene	8.58	146	348440	43.704	ng		99
15) Benzyl Alcohol	8.55	79	369829	49.314	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.77	45	535573	41.167	ng		99
17) 2-Methylphenol	8.74	107	300067	46.105	ng		97
18) Hexachloroethane	9.12	117	151045	43.101	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	285445	43.300	ng		94
20) 3+4-Methylphenols	8.98	107	383593	46.756	ng		99
22) Acetophenone	8.96	105	547326	41.328	ng	#	97
24) Nitrobenzene	9.23	77	448030	43.383	ng		99
25) Isophorone	9.62	82	779564	41.859	ng		99
26) 2-Nitrophenol	9.74	139	170653	45.114	ng		96
27) 2,4-Dimethylphenol	9.83	122	298644	49.842	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	446211	38.188	ng		99
29) 2,4-Dichlorophenol	10.13	162	293793	43.081	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	323605	40.627	ng		98
31) Naphthalene	10.39	128	976575	42.437	ng		99
32) Benzoic acid	10.02	122	193842	44.749	ng		97
33) 4-Chloroaniline	10.47	127	229604	22.992	ng		99
34) Hexachlorobutadiene	10.61	225	203782	40.670	ng		100
35) Caprolactam	11.05	113	95894m	40.800	ng		
36) 4-Chloro-3-methylphenol	11.29	107	352231	43.564	ng		98
37) 2-Methylnaphthalene	11.52	142	667882	42.533	ng		97
38) 1-Methylnaphthalene	11.67	142	626416	42.230	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	322102	39.855	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	292003	78.319	ng		99
43) 2,4,6-Trichlorophenol	11.98	196	218203	41.350	ng		100
44) 2,4,5-Trichlorophenol	12.04	196	230525	42.163	ng		96
46) 1,1'-Biphenyl	12.29	154	802174	40.474	ng		100
47) 2-Chloronaphthalene	12.31	162	624698	39.460	ng		99
48) 2-Nitroaniline	12.47	65	252582	40.709	ng		96
49) Acenaphthylene	12.98	152	991735	41.792	ng		99
50) Dimethylphthalate	12.81	163	755294	39.379	ng		99
51) 2,6-Dinitrotoluene	12.89	165	167521	40.801	ng		98
52) Acenaphthene	13.27	154	582965	40.839	ng		98
53) 3-Nitroaniline	13.15	138	125443	27.198	ng		96
54) 2,4-Dinitrophenol	13.33	184	124953	74.995	ng		88
55) Dibenzofuran	13.56	168	896008	41.771	ng		98
56) 4-Nitrophenol	13.45	139	285622	87.394	ng		86
57) 2,4-Dinitrotoluene	13.55	165	218265	42.411	ng	#	87
58) Fluorene	14.12	166	708794	41.237	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	191788	42.673	ng	#	96
60) Diethylphthalate	13.98	149	757425	38.139	ng		99
61) 4-Chlorophenyl-phenylether	14.13	204	350597	40.057	ng		96
62) 4-Nitroaniline	12.47	138	208193	38.934	ng		92
63) Azobenzene	14.40	77	864236	40.259	ng		97
65) 4,6-Dinitro-2-methylphenol	14.21	198	88529	43.779	ng		97
66) n-Nitrosodiphenylamine	14.33	169	614138	42.247	ng		99
67) 4-Bromophenyl-phenylether	14.93	248	205931	39.647	ng		95
68) Hexachlorobenzene	15.02	284	229455	40.182	ng		97
69) Atrazine	15.22	200	209234	47.140	ng		99
70) Pentachlorophenol	15.33	266	271238	91.134	ng		97
71) Phenanthrene	15.65	178	1056143	41.989	ng		100
72) Anthracene	15.73	178	1075006	43.361	ng		99
73) Carbazole	15.97	167	964451	42.752	ng		99
74) Di-n-butylphthalate	16.53	149	1197920	39.494	ng		99
75) Fluoranthene	17.36	202	1156329	43.425	ng		98
77) Benzidine	17.54	184	112946	11.694	ng		100
78) Pyrene	17.67	202	1187940	40.318	ng		99
80) Butylbenzylphthalate	18.55	149	513331	37.720	ng		98
81) Benzo(a)anthracene	19.24	228	1040407	40.112	ng		100
82) 3,3'-Dichlorobenzidine	19.22	252	322821	37.675	ng		99
83) Chrysene	19.29	228	966403	41.609	ng		99
84) Bis(2-ethylhexyl)phthalate	19.30	149	679071	36.293	ng		99
85) Di-n-octyl phthalate	20.08	149	1215949	36.583	ng		99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1054417	38.521	ng		98
88) Benzo(b)fluoranthene	20.54	252	987869	48.142	ng		99
89) Benzo(k)fluoranthene	20.58	252	950866	48.112	ng		99
90) Benzo(a)pyrene	20.96	252	873748	46.228	ng		99
91) Dibenzo(a,h)anthracene	22.71	278	889421	48.086	ng		98
92) Benzo(g,h,i)perylene	23.17	276	902223	49.398	ng		99

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

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