Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001163.D
Acq On : 03 Dec 2019 19:09
Operator : JU
Sample : PB125109BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Manual Integrations APPROVED
mohammad
12/4/2019 5:00:50 PM

Quant Time: Dec 04 04:41:46 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	114031	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	452484	20.00	ng		-0.01
39) Acenaphthene-d10	13.22	164	257792	20.00	ng		-0.02
64) Phenanthrene-d10	15.61	188	477458	20.00	ng		-0.02
76) Chrysene-d12	19.26	240	367970	20.00	ng		-0.02
87) Perylene-d12	21.03	264	329234	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	924202	134.47	ng		0.00
7) Phenol-d6	7.77	99	1214552	132.64	ng		0.00
23) Nitrobenzene-d5	9.20	82	677733	64.98	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	307367	124.39	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1103329	62.64	ng		-0.02
79) Terphenyl-d14	17.89	244	1254736	63.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	118057	36.773	ng		94
3) Pyridine	3.48	79	301145	33.804	ng		98
4) n-Nitrosodimethylamine	3.39	42	193659	50.237	ng		81
6) Aniline	7.79	93	351404	28.944	ng	#	34
8) 2-Chlorophenol	7.98	128	336763	47.357	ng		99
9) Benzaldehyde	7.61	77	164234	28.534	ng		97
10) Phenol	7.79	94	482754	46.349	ng		89
11) bis(2-Chloroethyl)ether	7.92	93	356401	43.943	ng		98
12) 1,3-Dichlorobenzene	8.22	146	359761	42.683	ng		98
13) 1,4-Dichlorobenzene	8.34	146	370373	43.621	ng		98
14) 1,2-Dichlorobenzene	8.58	146	352073	44.059	ng		99
15) Benzyl Alcohol	8.55	79	368146	48.978	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	552512	42.372	ng		99
17) 2-Methylphenol	8.74	107	299636	45.935	ng		97
18) Hexachloroethane	9.12	117	153699	43.759	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	290887	44.025	ng		93
20) 3+4-Methylphenols	8.98	107	382824	46.557	ng		98
22) Acetophenone	8.96	105	551618	41.478	ng	#	96
24) Nitrobenzene	9.23	77	450059	43.397	ng		99
25) Isophorone	9.62	82	784594	41.953	ng		98
26) 2-Nitrophenol	9.74	139	172140	45.316	ng		96
27) 2,4-Dimethylphenol	9.83	122	295699	49.144	ng		95
28) bis(2-Chloroethoxy)methane	9.99	93	452766	38.586	ng		100
29) 2,4-Dichlorophenol	10.13	162	291400	42.551	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	329119	41.146	ng		98
31) Naphthalene	10.39	128	978569	42.345	ng		100
32) Benzoic acid	10.02	122	196221	45.108	ng		98
33) 4-Chloroaniline	10.48	127	227889	22.724	ng		98
34) Hexachlorobutadiene	10.60	225	206960	41.131	ng		99
35) Caprolactam	11.05	113	95360m	40.403	ng		
36) 4-Chloro-3-methylphenol	11.29	107	351236	43.258	ng		100
37) 2-Methylnaphthalene	11.52	142	670264	42.505	ng		97
38) 1-Methylnaphthalene	11.67	142	631341	42.383	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	324924	39.995	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	297388	79.348	ng		99
43) 2,4,6-Trichlorophenol	11.98	196	216345	40.785	ng		97
44) 2,4,5-Trichlorophenol	12.04	196	235181	42.790	ng		98
46) 1,1'-Biphenyl	12.29	154	802296	40.270	ng		100
47) 2-Chloronaphthalene	12.30	162	629050	39.528	ng		97
48) 2-Nitroaniline	12.47	65	254967	40.879	ng		97
49) Acenaphthylene	12.98	152	997389	41.811	ng		99
50) Dimethylphthalate	12.81	163	754280	39.122	ng		100
51) 2,6-Dinitrotoluene	12.89	165	168557	40.840	ng		98
52) Acenaphthene	13.27	154	574931	40.067	ng		99
53) 3-Nitroaniline	13.15	138	125223	27.009	ng		95
54) 2,4-Dinitrophenol	13.33	184	131515	78.189	ng	#	86
55) Dibenzofuran	13.56	168	891589	41.349	ng		99
56) 4-Nitrophenol	13.45	139	285011	86.753	ng		83
57) 2,4-Dinitrotoluene	13.55	165	220348	42.593	ng	#	86
58) Fluorene	14.12	166	710370	41.114	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	196172	43.421	ng		98
60) Diethylphthalate	13.98	149	778192	38.981	ng		99
61) 4-Chlorophenyl-phenylether	14.13	204	352952	40.116	ng		99
62) 4-Nitroaniline	12.47	138	206992	38.508	ng		92
63) Azobenzene	14.40	77	876526	40.619	ng		96
65) 4,6-Dinitro-2-methylphenol	14.21	198	94072	46.209	ng		95
66) n-Nitrosodiphenylamine	14.33	169	617434	42.560	ng		100
67) 4-Bromophenyl-phenylether	14.93	248	207206	39.973	ng		94
68) Hexachlorobenzene	15.02	284	229576	40.285	ng		98
69) Atrazine	15.22	200	209792	47.362	ng		99
70) Pentachlorophenol	15.33	266	269122	90.608	ng		99
71) Phenanthrene	15.65	178	1056438	42.087	ng		99
72) Anthracene	15.73	178	1077419	43.548	ng		99
73) Carbazole	15.97	167	960495	42.663	ng		99
74) Di-n-butylphthalate	16.53	149	1214590	40.125	ng		99
75) Fluoranthene	17.36	202	1163374	43.779	ng		97
77) Benzidine	17.55	184	150488	15.840	ng		97
78) Pyrene	17.66	202	1175602	40.563	ng		100
80) Butylbenzylphthalate	18.55	149	520301	38.868	ng		98
81) Benzo(a)anthracene	19.25	228	1028027	40.295	ng		100
82) 3,3'-Dichlorobenzidine	19.21	252	316571	37.560	ng		99
83) Chrysene	19.29	228	941790	41.224	ng		100
84) Bis(2-ethylhexyl)phthalate	19.30	149	682772	37.098	ng		100
85) Di-n-octyl phthalate	20.08	149	1214423	37.145	ng		99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1047094	38.890	ng		97
88) Benzo(b)fluoranthene	20.55	252	987993	49.131	ng		98
89) Benzo(k)fluoranthene	20.58	252	914237	47.202	ng		98
90) Benzo(a)pyrene	20.96	252	865643	46.734	ng		98
91) Dibenzo(a,h)anthracene	22.70	278	882252	48.671	ng		98
92) Benzo(g,h,i)perylene	23.17	276	898691	50.209	ng		96

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

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