Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001160.D
Acq On : 03 Dec 2019 17:40
Operator : JU
Sample : PB125173BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125173BS

Manual Integrations APPROVED
mohammad
12/4/2019 5:00:43 PM

Quant Time: Dec 04 04:26:57 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	110713	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	439871	20.00	ng		-0.01
39) Acenaphthene-d10	13.22	164	247015	20.00	ng		-0.02
64) Phenanthrene-d10	15.61	188	469960	20.00	ng		-0.02
76) Chrysene-d12	19.26	240	371796	20.00	ng		-0.02
87) Perylene-d12	21.03	264	331356	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	893743	133.93	ng		0.00
7) Phenol-d6	7.77	99	1188101	133.64	ng		0.00
23) Nitrobenzene-d5	9.20	82	655348	64.64	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	302058	127.58	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1083870	64.22	ng		-0.02
79) Terphenyl-d14	17.89	244	1241471	61.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	116119	37.254	ng		94
3) Pyridine	3.48	79	290361	33.571	ng		90
4) n-Nitrosodimethylamine	3.38	42	182611	48.791	ng		83
6) Aniline	7.79	93	347253	29.460	ng	#	42
8) 2-Chlorophenol	7.98	128	328880	47.634	ng		99
9) Benzaldehyde	7.61	77	158457	28.307	ng		99
10) Phenol	7.79	94	469592	46.437	ng		91
11) bis(2-Chloroethyl)ether	7.92	93	352452	44.758	ng		98
12) 1,3-Dichlorobenzene	8.22	146	352428	43.066	ng		100
13) 1,4-Dichlorobenzene	8.34	146	358380	43.473	ng		99
14) 1,2-Dichlorobenzene	8.58	146	341727	44.046	ng		98
15) Benzyl Alcohol	8.55	79	364332	49.923	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	533092	42.108	ng		99
17) 2-Methylphenol	8.74	107	292028	46.110	ng		97
18) Hexachloroethane	9.12	117	148048	43.413	ng		99
19) n-Nitroso-di-n-propylamine	8.98	70	284387	44.331	ng		96
20) 3+4-Methylphenols	8.98	107	371624	46.549	ng		98
22) Acetophenone	8.96	105	540648	41.819	ng	#	96
24) Nitrobenzene	9.23	77	436582	43.305	ng		99
25) Isophorone	9.62	82	763624	42.002	ng		99
26) 2-Nitrophenol	9.74	139	169100	45.792	ng		98
27) 2,4-Dimethylphenol	9.83	122	291971	49.915	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	435326	38.164	ng		100
29) 2,4-Dichlorophenol	10.13	162	289340	43.461	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	319402	41.077	ng		99
31) Naphthalene	10.39	128	950689	42.318	ng		100
32) Benzoic acid	10.02	122	193862	45.844	ng		96
33) 4-Chloroaniline	10.48	127	218888	22.453	ng		98
34) Hexachlorobutadiene	10.61	225	199645	40.815	ng		100
35) Caprolactam	11.05	113	92955m	40.513	ng		
36) 4-Chloro-3-methylphenol	11.29	107	348237	44.119	ng		99
37) 2-Methylnaphthalene	11.52	142	648334	42.294	ng		97
38) 1-Methylnaphthalene	11.68	142	614991	42.470	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	317901	40.838	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	285382	79.466 ng	98
43) 2,4,6-Trichlorophenol	11.98	196	213950	42.093 ng	99
44) 2,4,5-Trichlorophenol	12.04	196	229273	43.535 ng	96
46) 1,1'-Biphenyl	12.29	154	777454	40.725 ng	100
47) 2-Chloronaphthalene	12.31	162	613335	40.222 ng	99
48) 2-Nitroaniline	12.47	65	248152	41.522 ng	98
49) Acenaphthylene	12.98	152	981926	42.959 ng	99
50) Dimethylphthalate	12.81	163	738009	39.948 ng	100
51) 2,6-Dinitrotoluene	12.89	165	165427	41.830 ng	97
52) Acenaphthene	13.27	154	566912	41.232 ng	99
53) 3-Nitroaniline	13.15	138	124206	27.959 ng	98
54) 2,4-Dinitrophenol	13.33	184	126750	78.602 ng	84
55) Dibenzofuran	13.56	168	875481	42.373 ng	98
56) 4-Nitrophenol	13.45	139	284271	90.303 ng	84
57) 2,4-Dinitrotoluene	13.55	165	215871	43.548 ng	89
58) Fluorene	14.12	166	699210	42.234 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	191270	44.183 ng	97
60) Diethylphthalate	13.98	149	754831	39.460 ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	343364	40.729 ng	96
62) 4-Nitroaniline	12.47	138	204517	39.708 ng	93
63) Azobenzene	14.39	77	853952	41.300 ng	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	90120	45.142 ng	97
66) n-Nitrosodiphenylamine	14.33	169	601703	42.138 ng	99
67) 4-Bromophenyl-phenylether	14.93	248	204071	39.997 ng	95
68) Hexachlorobenzene	15.02	284	224972	40.107 ng	98
69) Atrazine	15.22	200	205879	47.221 ng	99
70) Pentachlorophenol	15.33	266	270670	92.583 ng	97
71) Phenanthrene	15.65	178	1042715	42.203 ng	99
72) Anthracene	15.73	178	1057973	43.444 ng	100
73) Carbazole	15.97	167	950756	42.904 ng	100
74) Di-n-butylphthalate	16.53	149	1186865	39.835 ng	99
75) Fluoranthene	17.36	202	1153758	44.110 ng	97
77) Benzidine	17.55	184	144846	15.089 ng	97
78) Pyrene	17.67	202	1183513	40.416 ng	99
80) Butylbenzylphthalate	18.55	149	512244	37.872 ng	99
81) Benzo(a)anthracene	19.25	228	1036379	40.204 ng	100
82) 3,3'-Dichlorobenzidine	19.21	252	320467	37.631 ng	99
83) Chrysene	19.29	228	956599	41.441 ng	100
84) Bis(2-ethylhexyl)phthalate	19.30	149	682712	36.713 ng	99
85) Di-n-octyl phthalate	20.08	149	1211389	36.671 ng	99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1050632	38.620 ng	98
88) Benzo(b)fluoranthene	20.55	252	997166	49.269 ng	99
89) Benzo(k)fluoranthene	20.58	252	929955	47.706 ng	99
90) Benzo(a)pyrene	20.96	252	876093	46.995 ng	98
91) Dibenzo(a,h)anthracene	22.70	278	886136	48.572 ng	99
92) Benzo(g,h,i)perylene	23.17	276	895408	49.705 ng	99

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

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