Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001040.D
Acq On : 15 Nov 2019 14:46
Operator : JU
Sample : PB124796BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB124796BS

Manual Integrations APPROVED
mohammad
11/18/2019 3:06:20 PM

Quant Time: Nov 15 16:37:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	192539	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	733202	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	447820	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	923785	20.00	ng	0.00
76) Chrysene-d12	19.30	240	783475	20.00	ng	0.00
87) Perylene-d12	21.07	264	739155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1239708	117.20	ng	0.01
7) Phenol-d6	7.82	99	1549170	115.81	ng	0.00
23) Nitrobenzene-d5	9.25	82	810895	61.18	ng	-0.01
42) 2,4,6-Tribromophenol	14.56	330	702675	131.44	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	1858589	62.51	ng	-0.01
79) Terphenyl-d14	17.93	244	2613427	66.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.89	88	142301	30.940	ng	96
3) Pyridine	3.72	79	327053	26.896	ng	98
4) n-Nitrosodimethylamine	3.63	42	167734	39.578	ng	85
6) Aniline	7.85	93	530058	30.341	ng	93
8) 2-Chlorophenol	8.03	128	485329	43.266	ng	98
9) Benzaldehyde	7.67	77	282510	30.270	ng	99
10) Phenol	7.84	94	597738	40.854	ng	79
11) bis(2-Chloroethyl)ether	7.98	93	438152	38.468	ng	99
12) 1,3-Dichlorobenzene	8.28	146	539357	38.326	ng	99
13) 1,4-Dichlorobenzene	8.40	146	557135	39.303	ng	100
14) 1,2-Dichlorobenzene	8.63	146	526898	40.194	ng	99
15) Benzyl Alcohol	8.60	79	446941	43.846	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.83	45	399867	33.616	ng	96
17) 2-Methylphenol	8.79	107	399342	41.932	ng	98
18) Hexachloroethane	9.17	117	210185	40.368	ng	99
19) n-Nitroso-di-n-propylamine	9.03	70	322781	40.186	ng	98
20) 3+4-Methylphenols	9.03	107	507753	42.975	ng	96
22) Acetophenone	9.01	105	712962	37.652	ng	98
24) Nitrobenzene	9.28	77	511095	38.428	ng	97
25) Isophorone	9.67	82	922979	37.832	ng	98
26) 2-Nitrophenol	9.79	139	243928	49.079	ng	96
27) 2,4-Dimethylphenol	9.87	122	418476	44.963	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	549231	34.432	ng	99
29) 2,4-Dichlorophenol	10.17	162	454609	40.469	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	520480	37.715	ng	99
31) Naphthalene	10.43	128	1434329	39.155	ng	100
32) Benzoic acid	10.06	122	253639	45.582	ng	98
33) 4-Chloroaniline	10.52	127	369551	23.525	ng	98
34) Hexachlorobutadiene	10.66	225	351765	38.580	ng	99
35) Caprolactam	11.09	113	135920m	38.334	ng	
36) 4-Chloro-3-methylphenol	11.33	107	487945	41.830	ng	96
37) 2-Methylnaphthalene	11.56	142	1021089	39.824	ng	97
38) 1-Methylnaphthalene	11.72	142	955505	39.440	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	556640	37.330	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	639544	85.615	ng		100
43) 2,4,6-Trichlorophenol	12.03	196	363337	40.413	ng		96
44) 2,4,5-Trichlorophenol	12.08	196	394398	41.030	ng		98
46) 1,1'-Biphenyl	12.33	154	1279473	38.211	ng		99
47) 2-Chloronaphthalene	12.36	162	995887	36.945	ng		99
48) 2-Nitroaniline	12.52	65	273245	38.727	ng		99
49) Acenaphthylene	13.03	152	1603598	39.132	ng		100
50) Dimethylphthalate	12.86	163	1283452	38.759	ng		100
51) 2,6-Dinitrotoluene	12.93	165	281332	40.730	ng		94
52) Acenaphthene	13.32	154	921395	37.593	ng		98
53) 3-Nitroaniline	13.19	138	194969	25.879	ng		99
54) 2,4-Dinitrophenol	13.37	184	219948	100.866	ng	#	87
55) Dibenzofuran	13.60	168	1495220	39.057	ng		98
56) 4-Nitrophenol	13.49	139	452870	86.440	ng		92
57) 2,4-Dinitrotoluene	13.59	165	375205	43.246	ng		95
58) Fluorene	14.16	166	1189520	39.042	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	365691	44.743	ng	#	96
60) Diethylphthalate	14.02	149	1298399	39.036	ng		99
61) 4-Chlorophenyl-phenylether	14.18	204	633916	39.350	ng		97
62) 4-Nitroaniline	12.52	138	316125	39.135	ng		96
63) Azobenzene	14.44	77	1094657	37.603	ng		98
65) 4,6-Dinitro-2-methylphenol	14.26	198	160348	53.726	ng		95
66) n-Nitrosodiphenylamine	14.37	169	1053863	39.678	ng		99
67) 4-Bromophenyl-phenylether	14.97	248	425031	39.084	ng		96
68) Hexachlorobenzene	15.06	284	493379	39.150	ng		96
69) Atrazine	15.26	200	410910	42.489	ng		98
70) Pentachlorophenol	15.37	266	550236	98.085	ng		99
71) Phenanthrene	15.69	178	1840779	38.933	ng		100
72) Anthracene	15.77	178	1869818	40.540	ng		100
73) Carbazole	16.02	167	1642539	38.843	ng		100
74) Di-n-butylphthalate	16.56	149	2119996	41.541	ng		100
75) Fluoranthene	17.40	202	2152299	40.274	ng		99
77) Benzidine	17.58	184	586916	20.342	ng		99
78) Pyrene	17.70	202	2150753	38.844	ng		99
80) Butylbenzylphthalate	18.59	149	889963	40.593	ng		96
81) Benzo(a)anthracene	19.28	228	1991100	37.734	ng		100
82) 3,3'-Dichlorobenzidine	19.25	252	672053	34.932	ng		100
83) Chrysene	19.33	228	1763321	38.063	ng		100
84) Bis(2-ethylhexyl)phthalate	19.33	149	1171421	42.023	ng		98
85) Di-n-octyl phthalate	20.11	149	2102391	41.894	ng		99
86) Indeno(1,2,3-cd)pyrene	22.75	276	2147917	33.886	ng		96
88) Benzo(b)fluoranthene	20.59	252	2030278	46.080	ng	#	98
89) Benzo(k)fluoranthene	20.62	252	1773020	42.749	ng	#	98
90) Benzo(a)pyrene	21.00	252	1714101	42.308	ng		98
91) Dibenzo(a,h)anthracene	22.77	278	1802100	43.582	ng		97
92) Benzo(g,h,i)perylene	23.25	276	1787241	42.925	ng	#	96

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

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