Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001480.D
Acq On : 28 Dec 2019 17:32
Operator : JU
Sample : PB125772BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125772BS

Manual Integrations APPROVED
mohammad
12/30/2019 2:09:38 PM

Quant Time: Dec 29 08:20:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	28371	20.00	ng		-0.01
21) Naphthalene-d8	10.32	136	107649	20.00	ng		0.00
39) Acenaphthene-d10	13.17	164	59652	20.00	ng		0.00
64) Phenanthrene-d10	15.57	188	128076	20.00	ng		0.00
76) Chrysene-d12	19.22	240	118120	20.00	ng		0.00
87) Perylene-d12	20.98	264	99405	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	244437	139.25	ng		0.00
7) Phenol-d6	7.76	99	328822	143.55	ng		0.00
23) Nitrobenzene-d5	9.17	82	220070	78.50	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	116191	155.80	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	458525	97.20	ng		0.00
79) Terphenyl-d14	17.86	244	584588	84.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	21425	29.657	ng		91
3) Pyridine	3.41	79	56179	28.467	ng		95
4) n-Nitrosodimethylamine	3.32	42	49552	39.654	ng		96
6) Aniline	7.76	93	94400	32.738	ng	#	87
8) 2-Chlorophenol	7.95	128	79248	44.905	ng		93
9) Benzaldehyde	7.57	77	9837	6.122	ng		94
10) Phenol	7.78	94	106254	40.598	ng	#	77
11) bis(2-Chloroethyl)ether	7.89	93	72277	39.036	ng		92
12) 1,3-Dichlorobenzene	8.19	146	87827	39.954	ng		94
13) 1,4-Dichlorobenzene	8.30	146	88357	39.453	ng		97
14) 1,2-Dichlorobenzene	8.54	146	89108	41.765	ng		96
15) Benzyl Alcohol	8.52	79	86607	40.296	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.75	45	94153	32.108	ng		92
17) 2-Methylphenol	8.72	107	66987	42.955	ng		97
18) Hexachloroethane	9.08	117	34838	36.567	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	62301	38.313	ng		97
20) 3+4-Methylphenols	8.96	107	89088	43.049	ng		97
22) Acetophenone	8.93	105	126136	37.054	ng	#	98
24) Nitrobenzene	9.20	77	100647	36.479	ng		99
25) Isophorone	9.59	82	163498	36.273	ng		96
26) 2-Nitrophenol	9.70	139	42253	42.947	ng		100
27) 2,4-Dimethylphenol	9.81	122	69733	48.191	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	94776	35.205	ng		99
29) 2,4-Dichlorophenol	10.10	162	76302	42.586	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	87789	39.834	ng		96
31) Naphthalene	10.35	128	235764	40.122	ng		99
32) Benzoic acid	10.04	122	40776	36.229	ng		94
33) 4-Chloroaniline	10.45	127	60875	25.331	ng		99
34) Hexachlorobutadiene	10.57	225	56312	36.633	ng		93
35) Caprolactam	11.03	113	21253m	39.864	ng		
36) 4-Chloro-3-methylphenol	11.27	107	81930	39.130	ng		99
37) 2-Methylnaphthalene	11.48	142	172497	42.521	ng		98
38) 1-Methylnaphthalene	11.64	142	159616	41.851	ng		96
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	99421	45.076	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	101367	92.921	ng		99
43) 2,4,6-Trichlorophenol	11.95	196	59819	44.099	ng		98
44) 2,4,5-Trichlorophenol	12.02	196	62274	44.682	ng		93
46) 1,1'-Biphenyl	12.25	154	220887	44.249	ng		99
47) 2-Chloronaphthalene	12.27	162	173014	42.873	ng		99
48) 2-Nitroaniline	12.45	65	60066	37.171	ng		94
49) Acenaphthylene	12.95	152	265121	44.942	ng		99
50) Dimethylphthalate	12.78	163	203763	41.637	ng		100
51) 2,6-Dinitrotoluene	12.86	165	43538	43.814	ng		86
52) Acenaphthene	13.23	154	154587	43.493	ng		98
53) 3-Nitroaniline	13.12	138	29519	27.677	ng		97
54) 2,4-Dinitrophenol	13.30	184	44155	115.075	ng		96
55) Dibenzofuran	13.52	168	254004	45.611	ng		100
56) 4-Nitrophenol	13.45	139	60613	79.477	ng		95
57) 2,4-Dinitrotoluene	13.52	165	64389	46.621	ng	#	94
58) Fluorene	14.07	166	204197	45.844	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	54345	45.418	ng		97
60) Diethylphthalate	13.94	149	205162	40.646	ng		99
61) 4-Chlorophenyl-phenylether	14.09	204	107722	46.006	ng		99
62) 4-Nitroaniline	12.45	138	51863	41.991	ng		96
63) Azobenzene	14.36	77	210731	39.656	ng		96
65) 4,6-Dinitro-2-methylphenol	14.19	198	30746	53.602	ng		98
66) n-Nitrosodiphenylamine	14.29	169	171365	42.204	ng		99
67) 4-Bromophenyl-phenylether	14.89	248	63952	42.233	ng		96
68) Hexachlorobenzene	14.97	284	71948	41.736	ng		95
69) Atrazine	15.19	200	55648	38.155	ng		97
70) Pentachlorophenol	15.30	266	77566	87.741	ng		95
71) Phenanthrene	15.62	178	307559	42.090	ng		99
72) Anthracene	15.69	178	311497	43.063	ng		99
73) Carbazole	15.94	167	270325	41.917	ng		98
74) Di-n-butylphthalate	16.49	149	337029	38.082	ng		99
75) Fluoranthene	17.32	202	352539	43.147	ng		99
77) Benzidine	17.52	184	112285	32.650	ng		99
78) Pyrene	17.63	202	350947	38.266	ng		99
80) Butylbenzylphthalate	18.51	149	145681	34.072	ng		92
81) Benzo(a)anthracene	19.21	228	324240	37.671	ng		98
82) 3,3'-Dichlorobenzidine	19.17	252	93250	31.200	ng		99
83) Chrysene	19.26	228	316958	38.152	ng		99
84) Bis(2-ethylhexyl)phthalate	19.26	149	210192	33.501	ng		97
85) Di-n-octyl phthalate	20.04	149	344937	33.171	ng		98
86) Indeno(1,2,3-cd)pyrene	22.62	276	321637	35.847	ng		99
88) Benzo(b)fluoranthene	20.50	252	308333	47.231	ng		99
89) Benzo(k)fluoranthene	20.54	252	286481	46.068	ng		99
90) Benzo(a)pyrene	20.92	252	283861	47.732	ng		99
91) Dibenzo(a,h)anthracene	22.64	278	275079	47.308	ng		99
92) Benzo(g,h,i)perylene	23.10	276	258373	46.501	ng		99

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

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