Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001361.D
Acq On : 23 Dec 2019 12:10
Operator : JU
Sample : PB125644BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125644BS

Manual Integrations APPROVED
mohammad
12/24/2019 3:05:17 PM

Quant Time: Dec 23 14:13:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	45967	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	171304	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	102032	20.00	ng		0.00
64) Phenanthrene-d10	15.61	188	207900	20.00	ng		0.01
76) Chrysene-d12	19.26	240	169530	20.00	ng		0.01
87) Perylene-d12	21.03	264	145875	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	345580	121.51	ng		0.02
7) Phenol-d6	7.76	99	449305	121.07	ng		0.00
23) Nitrobenzene-d5	9.19	82	344784	77.29	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	150836	118.24	ng		0.01
45) 2-Fluorobiphenyl	12.12	172	633591	78.52	ng		0.00
79) Terphenyl-d14	17.90	244	806887	81.52	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	47239	40.358	ng		97
3) Pyridine	3.45	79	113765	35.579	ng		99
4) n-Nitrosodimethylamine	3.35	42	89946	44.426	ng		87
6) Aniline	7.78	93	144296	30.886	ng	#	62
8) 2-Chlorophenol	7.96	128	131094	45.848	ng		96
9) Benzaldehyde	7.59	77	84336	32.394	ng		99
10) Phenol	7.78	94	183090	43.177	ng		94
11) bis(2-Chloroethyl)ether	7.90	93	133649	44.551	ng		97
12) 1,3-Dichlorobenzene	8.20	146	150993	42.395	ng		98
13) 1,4-Dichlorobenzene	8.33	146	155994	42.990	ng		96
14) 1,2-Dichlorobenzene	8.56	146	147351	42.626	ng		99
15) Benzyl Alcohol	8.54	79	157632	45.266	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.76	45	198222	41.721	ng		99
17) 2-Methylphenol	8.73	107	114673	45.385	ng		98
18) Hexachloroethane	9.10	117	65070	42.154	ng		96
19) n-Nitroso-di-n-propylamine	8.98	70	116495	44.217	ng		97
20) 3+4-Methylphenols	8.98	107	151123	45.072	ng		97
22) Acetophenone	8.95	105	218182	40.277	ng	#	98
24) Nitrobenzene	9.22	77	181300	41.293	ng		99
25) Isophorone	9.61	82	307873	42.922	ng		99
26) 2-Nitrophenol	9.73	139	69308	44.269	ng		96
27) 2,4-Dimethylphenol	9.82	122	114144	49.571	ng		98
28) bis(2-Chloroethoxy)methane	9.97	93	170218	39.733	ng		99
29) 2,4-Dichlorophenol	10.12	162	120300	42.193	ng		95
30) 1,2,4-Trichlorobenzene	10.25	180	142847	40.731	ng		99
31) Naphthalene	10.37	128	390866	41.800	ng		99
32) Benzoic acid	10.02	122	74788	40.990	ng		98
33) 4-Chloroaniline	10.47	127	76223	19.932	ng		98
34) Hexachlorobutadiene	10.59	225	94814	38.761	ng		97
35) Caprolactam	11.05	113	38116	44.927	ng		92
36) 4-Chloro-3-methylphenol	11.29	107	141472	42.460	ng		98
37) 2-Methylnaphthalene	11.50	142	276974	42.904	ng		99
38) 1-Methylnaphthalene	11.66	142	258079	42.523	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	150755	39.960	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	174056	93.282 ng	100
43) 2,4,6-Trichlorophenol	11.97	196	95822	41.300 ng	99
44) 2,4,5-Trichlorophenol	12.03	196	101335	42.509 ng	96
46) 1,1'-Biphenyl	12.28	154	343747	40.259 ng	99
47) 2-Chloronaphthalene	12.30	162	272390	39.462 ng	98
48) 2-Nitroaniline	12.47	65	106814	38.645 ng	96
49) Acenaphthylene	12.97	152	425075	42.127 ng	99
50) Dimethylphthalate	12.80	163	336103	40.153 ng	99
51) 2,6-Dinitrotoluene	12.89	165	71006	41.776 ng	95
52) Acenaphthene	13.26	154	243691	40.084 ng	98
53) 3-Nitroaniline	13.15	138	46922	25.721 ng	94
54) 2,4-Dinitrophenol	13.33	184	68522	104.405 ng	97
55) Dibenzofuran	13.55	168	388121	40.746 ng	98
56) 4-Nitrophenol	13.46	139	117872	90.359 ng	94
57) 2,4-Dinitrotoluene	13.55	165	98669	41.767 ng	93
58) Fluorene	14.11	166	313760	41.183 ng	100
59) 2,3,4,6-Tetrachlorophenol	13.76	232	88194m	43.092 ng	
60) Diethylphthalate	13.97	149	347665	40.269 ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	161897	40.424 ng	97
62) 4-Nitroaniline	12.47	138	85691	40.562 ng	96
63) Azobenzene	14.39	77	369993	40.707 ng	98
65) 4,6-Dinitro-2-methylphenol	14.21	198	46631	50.082 ng	93
66) n-Nitrosodiphenylamine	14.33	169	268370	40.718 ng	99
67) 4-Bromophenyl-phenylether	14.93	248	98422	40.041 ng	93
68) Hexachlorobenzene	15.01	284	108427	38.748 ng	98
69) Atrazine	15.22	200	102965	43.491 ng	98
70) Pentachlorophenol	15.33	266	127723	89.005 ng	93
71) Phenanthrene	15.65	178	477588	40.264 ng	100
72) Anthracene	15.72	178	483705	41.195 ng	99
73) Carbazole	15.97	167	414035	39.550 ng	98
74) Di-n-butylphthalate	16.53	149	569663	39.653 ng	99
75) Fluoranthene	17.36	202	537592	40.533 ng	99
77) Benzidine	17.55	184	132277	26.799 ng	99
78) Pyrene	17.66	202	535929	40.715 ng	100
80) Butylbenzylphthalate	18.55	149	243737	39.718 ng	98
81) Benzo(a)anthracene	19.25	228	490781	39.729 ng	98
82) 3,3'-Dichlorobenzidine	19.21	252	132680	30.930 ng	97
83) Chrysene	19.29	228	474919	39.830 ng	98
84) Bis(2-ethylhexyl)phthalate	19.30	149	356761	39.619 ng	98
85) Di-n-octyl phthalate	20.08	149	590977	39.597 ng	99
86) Indeno(1,2,3-cd)pyrene	22.69	276	472535	36.694 ng	100
88) Benzo(b)fluoranthene	20.55	252	445062	46.457 ng	99
89) Benzo(k)fluoranthene	20.59	252	443236	48.570 ng	100
90) Benzo(a)pyrene	20.96	252	398042	45.610 ng	99
91) Dibenzo(a,h)anthracene	22.72	278	401447	47.047 ng	98
92) Benzo(g,h,i)perylene	23.17	276	379531	46.547 ng	96

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

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