Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001558.D
Acq On : 08 Jan 2020 18:37
Operator : JU
Sample : PB125875BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125875BS

Manual Integrations APPROVED
mohammad
1/9/2020 12:11:58 PM

Quant Time: Jan 09 04:40:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	28772	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	122299	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	102269	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	274198	20.00	ng		0.00
76) Chrysene-d12	21.17	240	257264	20.00	ng		0.00
87) Perylene-d12	23.41	264	225837	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	187742	127.82	ng		0.00
7) Phenol-d6	6.86	99	273333	116.44	ng		0.00
23) Nitrobenzene-d5	8.81	82	208033	74.33	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	174201	111.90	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	527301	75.81	ng		0.00
79) Terphenyl-d14	19.65	244	1099654	78.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	15981	34.093	ng		94
3) Pyridine	3.63	79	46131	27.235	ng		92
4) n-Nitrosodimethylamine	3.55	42	46291	38.560	ng	#	98
6) Aniline	7.00	93	91112	31.042	ng		98
8) 2-Chlorophenol	7.23	128	78266	45.642	ng		96
9) Benzaldehyde	6.81	77	52745	37.618	ng		98
10) Phenol	6.89	94	106861	44.007	ng		97
11) bis(2-Chloroethyl)ether	7.10	93	75423	39.604	ng		97
12) 1,3-Dichlorobenzene	7.55	146	84780	39.333	ng		95
13) 1,4-Dichlorobenzene	7.69	146	86838	38.961	ng		95
14) 1,2-Dichlorobenzene	8.01	146	85903	39.883	ng		98
15) Benzyl Alcohol	7.90	79	90224	40.813	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	132067	37.329	ng		98
17) 2-Methylphenol	8.12	107	73049	43.328	ng		99
18) Hexachloroethane	8.73	117	34778	39.970	ng		96
19) n-Nitroso-di-n-propylamine	8.48	70	68980	38.544	ng		98
20) 3+4-Methylphenols	8.45	107	98502	41.769	ng		98
22) Acetophenone	8.48	105	127213	37.106	ng	#	98
24) Nitrobenzene	8.85	77	110336	38.968	ng		97
25) Isophorone	9.39	82	190307	37.918	ng		99
26) 2-Nitrophenol	9.56	139	44050	41.167	ng		97
27) 2,4-Dimethylphenol	9.63	122	79795	49.916	ng		95
28) bis(2-Chloroethoxy)methane	9.86	93	107611	36.601	ng		99
29) 2,4-Dichlorophenol	10.09	162	92127	42.103	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	102034	38.627	ng		95
31) Naphthalene	10.49	128	254730	39.465	ng		100
32) Benzoic acid	9.80	122	54028	38.577	ng		95
33) 4-Chloroaniline	10.60	127	67080	22.572	ng		97
34) Hexachlorobutadiene	10.79	225	71646	38.315	ng		94
35) Caprolactam	11.40	113	30784m	38.742	ng		
36) 4-Chloro-3-methylphenol	11.75	107	104534	39.807	ng		100
37) 2-Methylnaphthalene	12.10	142	203435	39.548	ng		98
38) 1-Methylnaphthalene	12.33	142	193849	39.160	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	133457	38.095	ng		97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	161973	91.147 ng	97
43) 2,4,6-Trichlorophenol	12.73	196	91571	40.529 ng	97
44) 2,4,5-Trichlorophenol	12.80	196	102368	42.637 ng	98
46) 1,1'-Biphenyl	13.13	154	286443	39.087 ng	98
47) 2-Chloronaphthalene	13.17	162	230620	37.864 ng	98
48) 2-Nitroaniline	13.37	65	89221	37.285 ng	98
49) Acenaphthylene	14.02	152	377268	40.163 ng	99
50) Dimethylphthalate	13.78	163	317464	37.689 ng	98
51) 2,6-Dinitrotoluene	13.88	165	70235	39.320 ng	97
52) Acenaphthene	14.37	154	220679	37.933 ng	100
53) 3-Nitroaniline	14.21	138	44113	23.390 ng	97
54) 2,4-Dinitrophenol	14.42	184	84132	83.767 ng	90
55) Dibenzofuran	14.71	168	386738	39.311 ng	99
56) 4-Nitrophenol	14.55	139	126581	84.051 ng	96
57) 2,4-Dinitrotoluene	14.68	165	101857	38.972 ng	96
58) Fluorene	15.36	166	311189	39.091 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	101552	40.961 ng	99
60) Diethylphthalate	15.16	149	327127	37.759 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	176233	38.681 ng	99
62) 4-Nitroaniline	15.39	138	72253	33.602 ng	98
63) Azobenzene	15.66	77	347795	40.177 ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	64436	43.466 ng	96
66) n-Nitrosodiphenylamine	15.58	169	284046	39.103 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	117802	38.083 ng	99
68) Hexachlorobenzene	16.37	284	132128	36.764 ng	99
69) Atrazine	16.55	200	126393	47.376 ng	99
70) Pentachlorophenol	16.72	266	171197	86.256 ng	99
71) Phenanthrene	17.11	178	570390	38.251 ng	100
72) Anthracene	17.20	178	577585	39.788 ng	99
73) Carbazole	17.47	167	523339	38.399 ng	100
74) Di-n-butylphthalate	18.06	149	609072	37.774 ng	99
75) Fluoranthene	19.09	202	755253	38.492 ng	98
77) Benzidine	19.27	184	308561	52.528 ng	97
78) Pyrene	19.44	202	749050	39.636 ng	99
80) Butylbenzylphthalate	20.34	149	276475	38.492 ng	99
81) Benzo(a)anthracene	21.15	228	685195	38.243 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	234535	34.908 ng	97
83) Chrysene	21.21	228	664873	38.078 ng	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	381846	38.780 ng	100
85) Di-n-octyl phthalate	22.00	149	597777	38.075 ng	99
86) Indeno(1,2,3-cd)pyrene	25.69	276	649761	31.790 ng	100
88) Benzo(b)fluoranthene	22.74	252	639568	44.942 ng	99
89) Benzo(k)fluoranthene	22.79	252	614639	44.297 ng	99
90) Benzo(a)pyrene	23.32	252	569839	42.173 ng	97
91) Dibenzo(a,h)anthracene	25.72	278	559152	40.108 ng	97
92) Benzo(g,h,i)perylene	26.40	276	551580	39.799 ng	97

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

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