Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001557.D
Acq On : 08 Jan 2020 18:03
Operator : JU
Sample : PB125843BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125843BS

Manual Integrations APPROVED
mohammad
1/9/2020 12:11:55 PM

Quant Time: Jan 09 04:37:45 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	27450	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	119737	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	101778	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	272893	20.00	ng		0.00
76) Chrysene-d12	21.17	240	252771	20.00	ng		0.00
87) Perylene-d12	23.42	264	227721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	182842	130.48	ng		0.00
7) Phenol-d6	6.86	99	268383	119.84	ng		0.00
23) Nitrobenzene-d5	8.81	82	203351	74.21	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	169199	109.21	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	522900	75.54	ng		0.00
79) Terphenyl-d14	19.66	244	1085527	78.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	14224	31.806	ng		91
3) Pyridine	3.63	79	43821	27.117	ng		96
4) n-Nitrosodimethylamine	3.55	42	44320	38.696	ng		96
6) Aniline	7.00	93	91852	32.801	ng		99
8) 2-Chlorophenol	7.23	128	75646	46.239	ng		96
9) Benzaldehyde	6.81	77	50512	37.761	ng		98
10) Phenol	6.89	94	103865	44.833	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	72932	40.140	ng		96
12) 1,3-Dichlorobenzene	7.55	146	80837	39.310	ng		93
13) 1,4-Dichlorobenzene	7.69	146	83651	39.339	ng		96
14) 1,2-Dichlorobenzene	8.01	146	81532	39.676	ng		97
15) Benzyl Alcohol	7.90	79	88596	42.007	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	128766	38.148	ng		99
17) 2-Methylphenol	8.12	107	71421	44.402	ng		96
18) Hexachloroethane	8.73	117	32799	39.511	ng		91
19) n-Nitroso-di-n-propylamine	8.47	70	66220	38.784	ng		90
20) 3+4-Methylphenols	8.44	107	97306	43.249	ng		95
22) Acetophenone	8.48	105	124391	37.060	ng	#	98
24) Nitrobenzene	8.85	77	107514	38.784	ng		98
25) Isophorone	9.39	82	186929	38.042	ng		97
26) 2-Nitrophenol	9.56	139	42552	40.618	ng		95
27) 2,4-Dimethylphenol	9.63	122	77821	49.723	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	107935	37.496	ng		98
29) 2,4-Dichlorophenol	10.10	162	91140	42.543	ng		97
30) 1,2,4-Trichlorobenzene	10.30	180	99638	38.527	ng		96
31) Naphthalene	10.49	128	248528	39.328	ng		98
32) Benzoic acid	9.80	122	52542	38.351	ng		96
33) 4-Chloroaniline	10.60	127	68055	23.390	ng		99
34) Hexachlorobutadiene	10.79	225	69392	37.904	ng		99
35) Caprolactam	11.40	113	29317m	37.685	ng		
36) 4-Chloro-3-methylphenol	11.75	107	104943	40.817	ng		99
37) 2-Methylnaphthalene	12.11	142	200982	39.907	ng		99
38) 1-Methylnaphthalene	12.33	142	191795	39.574	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	131640	37.757	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	156668	88.587 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	90805	40.384 ng	94
44) 2,4,5-Trichlorophenol	12.80	196	100954	42.250 ng	97
46) 1,1'-Biphenyl	13.13	154	279395	38.309 ng	98
47) 2-Chloronaphthalene	13.17	162	225611	37.220 ng	99
48) 2-Nitroaniline	13.38	65	88024	36.962 ng	98
49) Acenaphthylene	14.02	152	372088	39.803 ng	99
50) Dimethylphthalate	13.78	163	311215	37.125 ng	100
51) 2,6-Dinitrotoluene	13.89	165	69508	39.100 ng	98
52) Acenaphthene	14.37	154	218213	37.690 ng	99
53) 3-Nitroaniline	14.22	138	45099	24.028 ng	93
54) 2,4-Dinitrophenol	14.42	184	82589	82.628 ng	90
55) Dibenzofuran	14.71	168	380877	38.902 ng	100
56) 4-Nitrophenol	14.55	139	126628	84.487 ng	92
57) 2,4-Dinitrotoluene	14.68	165	101371	38.973 ng	94
58) Fluorene	15.36	166	306329	38.666 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	101311	41.061 ng	98
60) Diethylphthalate	15.16	149	323151	37.480 ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	177985	39.254 ng	98
62) 4-Nitroaniline	15.39	138	70589	32.987 ng	94
63) Azobenzene	15.66	77	339599	39.419 ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	64144	43.476 ng	93
66) n-Nitrosodiphenylamine	15.58	169	282765	39.112 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	115832	37.625 ng	99
68) Hexachlorobenzene	16.37	284	130717	36.545 ng	100
69) Atrazine	16.55	200	126327	47.578 ng	99
70) Pentachlorophenol	16.72	266	170302	86.215 ng	98
71) Phenanthrene	17.11	178	559694	37.713 ng	99
72) Anthracene	17.20	178	573948	39.726 ng	98
73) Carbazole	17.47	167	515498	38.005 ng	99
74) Di-n-butylphthalate	18.06	149	597070	37.206 ng	99
75) Fluoranthene	19.09	202	749417	38.377 ng	99
77) Benzidine	19.27	184	310050	53.719 ng	98
78) Pyrene	19.44	202	747346	40.249 ng	99
80) Butylbenzylphthalate	20.34	149	270267	38.297 ng	96
81) Benzo(a)anthracene	21.15	228	690764	39.239 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	238103	36.069 ng	98
83) Chrysene	21.21	228	660542	38.503 ng	97
84) Bis(2-ethylhexyl)phthalate	21.12	149	374488	38.709 ng	95
85) Di-n-octyl phthalate	22.00	149	593016	38.443 ng	99
86) Indeno(1,2,3-cd)pyrene	25.70	276	669268	33.327 ng	99
88) Benzo(b)fluoranthene	22.74	252	644422	44.908 ng	99
89) Benzo(k)fluoranthene	22.79	252	618044	44.174 ng	97
90) Benzo(a)pyrene	23.32	252	573095	42.063 ng	98
91) Dibenzo(a,h)anthracene	25.71	278	574528	40.870 ng	100
92) Benzo(g,h,i)perylene	26.40	276	567063	40.577 ng	99

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

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