Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102720\
Data File : BP003752.D
Acq On : 27 Oct 2020 13:37
Operator : CG/JU
Sample : PB132578BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132578BSD

Quant Time: Oct 27 14:40:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.510	152	137519	20.00	ng	0.00
21) Naphthalene-d8	11.357	136	490583	20.00	ng	# 0.00
39) Acenaphthene-d10	15.116	164	323132	20.00	ng	0.00
64) Phenanthrene-d10	17.833	188	706692	20.00	ng	0.00
76) Chrysene-d12	21.851	240	728178	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	593603	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.010	112	923207	112.26	ng	0.00
7) Phenol-d6	7.663	99	1214305	104.51	ng	0.00
23) Nitrobenzene-d5	9.681	82	676394	58.33	ng	0.00
42) 2,4,6-Tribromophenol	16.586	330	538414	106.80	ng	0.00
45) 2-Fluorobiphenyl	13.739	172	1572949	62.93	ng	0.00
79) Terphenyl-d14	20.304	244	2525728	61.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.669	88	145163	41.31	ng	# 88
3) Pyridine	4.111	79	330030	33.21	ng	91
4) n-Nitrosodimethylamine	4.005	42	152947	36.08	ng	# 68
6) Aniline	7.810	93	404513	31.37	ng	# 88
8) 2-Chlorophenol	8.081	128	360594	44.04	ng	85
9) Benzaldehyde	7.604	77	94435	13.23	ng	# 82
10) Phenol	7.693	94	474359	42.87	ng	82
11) bis(2-Chloroethyl)ether	7.893	93	368939	42.01	ng	93
12) 1,3-Dichlorobenzene	8.404	146	422005	39.97	ng	# 92
13) 1,4-Dichlorobenzene	8.546	146	429196	40.25	ng	96
14) 1,2-Dichlorobenzene	8.881	146	406894	40.27	ng	94
15) Benzyl Alcohol	8.740	79	349340	39.33	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	9.034	45	334578	38.45	ng	96
17) 2-Methylphenol	8.963	107	313828	42.82	ng	# 92
18) Hexachloroethane	9.634	117	156188	38.01	ng	93
19) n-Nitroso-di-n-propyla...	9.316	70	278284	39.20	ng	# 88
20) 3+4-Methylphenols	9.293	107	420301	42.60	ng	94
22) Acetophenone	9.334	105	568414	39.59	ng	# 91
24) Nitrobenzene	9.722	77	427726	38.31	ng	# 79
25) Isophorone	10.245	82	756558	40.48	ng	# 89
26) 2-Nitrophenol	10.451	139	187477	44.96	ng	# 72
27) 2,4-Dimethylphenol	10.504	122	320221	48.90	ng	87
28) bis(2-Chloroethoxy)met...	10.716	93	462043	38.76	ng	96
29) 2,4-Dichlorophenol	11.004	162	357612	41.63	ng	96
30) 1,2,4-Trichlorobenzene	11.222	180	424309	38.54	ng	99
31) Naphthalene	11.410	128	1067676	40.37	ng	99
32) Benzoic acid	10.651	122	184602	41.01	ng	# 63
33) 4-Chloroaniline	11.492	127	262455	24.08	ng	# 89
34) Hexachlorobutadiene	11.716	225	297733	35.84	ng	100
35) Caprolactam	12.216	113	103011	40.95	ng	# 55
36) 4-Chloro-3-methylphenol	12.598	107	383313	41.13	ng	87
37) 2-Methylnaphthalene	12.975	142	774601	40.36	ng	# 95
38) 1-Methylnaphthalene	13.192	142	716031	39.47	ng	99
40) 1,2,4,5-Tetrachloroben...	13.345	216	502370	39.26	ng	99
41) Hexachlorocyclopentadiene	13.345	237	554531	74.85	ng	100
43) 2,4,6-Trichlorophenol	13.569	196	308124	40.47	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.645	196	328042	41.47	ng	#	95
46) 1,1'-Biphenyl	13.951	154	996251	39.54	ng		98
47) 2-Chloronaphthalene	14.004	162	800944	38.01	ng		99
48) 2-Nitroaniline	14.175	65	226085	36.33	ng	#	62
49) Acenaphthylene	14.839	152	1190376	39.57	ng		100
50) Dimethylphthalate	14.539	163	996169	37.52	ng		99
51) 2,6-Dinitrotoluene	14.651	165	221331	40.98	ng	#	71
52) Acenaphthene	15.181	154	860869	42.40	ng		84
53) 3-Nitroaniline	14.981	138	137705	25.98	ng	#	60
54) 2,4-Dinitrophenol	15.186	184	222838	73.25	ng	#	1
55) Dibenzofuran	15.504	168	1201925	39.16	ng		100
56) 4-Nitrophenol	15.298	139	336084	84.72	ng	#	56
57) 2,4-Dinitrotoluene	15.439	165	300114	41.07	ng	#	77
58) Fluorene	16.151	166	972035	39.25	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.733	232	308062	40.61	ng		90
60) Diethylphthalate	15.880	149	965112	37.10	ng		99
61) 4-Chlorophenyl-phenyle...	16.122	204	562679	37.57	ng		95
62) 4-Nitroaniline	16.139	138	196115	33.35	ng	#	71
63) Azobenzene	16.416	77	893922	36.56	ng		89
65) 4,6-Dinitro-2-methylph...	16.210	198	166377	44.66	ng		91
66) n-Nitrosodiphenylamine	16.333	169	849515	40.38	ng		98
67) 4-Bromophenyl-phenylether	17.010	248	364287	38.50	ng		97
68) Hexachlorobenzene	17.175	284	418088	38.40	ng		94
69) Atrazine	17.257	200	272490	33.22	ng		96
70) Pentachlorophenol	17.504	266	486166	90.41	ng		99
71) Phenanthrene	17.874	178	1530672	38.98	ng		99
72) Anthracene	17.963	178	1549732	40.86	ng		99
73) Carbazole	18.210	167	1353322	40.11	ng		99
74) Di-n-butylphthalate	18.716	149	1581542	38.40	ng	#	99
75) Fluoranthene	19.792	202	1907881	39.54	ng		99
77) Benzidine	19.933	184	459851	26.36	ng		100
78) Pyrene	20.139	202	1918917	39.35	ng		99
80) Butylbenzylphthalate	20.945	149	689372	38.58	ng	#	84
81) Benzo(a)anthracene	21.833	228	1889937	38.93	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	585581	34.44	ng	#	98
83) Chrysene	21.892	228	1816730	39.47	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	1000318	39.12	ng	#	98
85) Di-n-octyl phthalate	22.657	149	1675024	40.36	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.115	276	2168005	50.89	ng	#	92
88) Benzo(b)fluoranthene	23.639	252	2015154	48.65	ng	#	98
89) Benzo(k)fluoranthene	23.692	252	1814665	45.90	ng	#	97
90) Benzo(a)pyrene	24.315	252	1691245	45.79	ng	#	96
91) Dibenzo(a,h)anthracene	27.115	278	1861415	52.27	ng	#	94
92) Benzo(g,h,i)perylene	27.945	276	1814844	54.98	ng	#	92

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

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