Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
Data File : BP003863.D
Acq On : 09 Nov 2020 12:13
Operator : CG/JU
Sample : PB132870BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 09 14:18:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB132870BSD

Manual Integrations APPROVED
mohammad
11/10/2020 12:00:18 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	160409	20.00	ng		0.00
21) Naphthalene-d8	11.134	136	584012	20.00	ng		# 0.00
39) Acenaphthene-d10	14.922	164	346653	20.00	ng		0.00
64) Phenanthrene-d10	17.645	188	706291	20.00	ng		0.00
76) Chrysene-d12	21.675	240	646854	20.00	ng		0.00
86) Perylene-d12	24.151	264	628485	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	1034685	107.65	ng		0.00
7) Phenol-d6	7.469	99	1331594	96.51	ng		0.00
23) Nitrobenzene-d5	9.463	82	785676m	65.89	ng		0.00
42) 2,4,6-Tribromophenol	16.398	330	473195	109.14	ng		0.00
45) 2-Fluorobiphenyl	13.546	172	1665430	67.17	ng		0.00
79) Terphenyl-d14	20.139	244	2237934	66.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	156337	37.70	ng	#	64
3) Pyridine	3.946	79	439581	36.15	ng	#	62
4) n-Nitrosodimethylamine	3.846	42	219673	39.23	ng	#	54
6) Aniline	7.605	93	413935	26.42	ng	#	85
8) 2-Chlorophenol	7.869	128	421951	41.35	ng	#	79
9) Benzaldehyde	7.399	77	153151	21.63	ng	#	82
10) Phenol	7.493	94	533570	40.08	ng		82
11) bis(2-Chloroethyl)ether	7.693	93	418359	39.10	ng	#	81
12) 1,3-Dichlorobenzene	8.199	146	492646	39.39	ng	#	95
13) 1,4-Dichlorobenzene	8.340	146	499097	39.59	ng		95
14) 1,2-Dichlorobenzene	8.669	146	474213	39.38	ng		97
15) Benzyl Alcohol	8.534	79	383934	40.18	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.834	45	636353	35.31	ng		82
17) 2-Methylphenol	8.758	107	351073	40.16	ng	#	93
18) Hexachloroethane	9.416	117	181126	40.42	ng		98
19) n-Nitroso-di-n-propyla...	9.105	70	318629	38.64	ng	#	76
20) 3+4-Methylphenols	9.087	107	463486	39.72	ng		95
22) Acetophenone	9.122	105	626059	39.94	ng	#	85
24) Nitrobenzene	9.510	77	478889	40.41	ng	#	82
25) Isophorone	10.034	82	849000	41.92	ng	#	90
26) 2-Nitrophenol	10.234	139	224144	48.44	ng	#	76
27) 2,4-Dimethylphenol	10.299	122	375090	48.60	ng		94
28) bis(2-Chloroethoxy)met...	10.505	93	524965	37.77	ng		98
29) 2,4-Dichlorophenol	10.787	162	394209	42.38	ng		96
30) 1,2,4-Trichlorobenzene	11.005	180	451936	39.88	ng		99
31) Naphthalene	11.187	128	1254305	40.02	ng		99
32) Benzoic acid	10.446	122	156077	32.12	ng	#	75
33) 4-Chloroaniline	11.275	127	268789	20.18	ng	#	90
34) Hexachlorobutadiene	11.499	225	288751	39.07	ng		97
35) Caprolactam	12.004	113	115317	40.10	ng	#	18
36) 4-Chloro-3-methylphenol	12.399	107	407635	40.60	ng		92
37) 2-Methylnaphthalene	12.769	142	891964	39.77	ng		97
38) 1-Methylnaphthalene	12.987	142	827888	38.70	ng		97
40) 1,2,4,5-Tetrachloroben...	13.146	216	492016	42.89	ng		98
41) Hexachlorocyclopentadiene	13.140	237	639800	110.54	ng		99
43) 2,4,6-Trichlorophenol	13.369	196	303166	42.75	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	321571	43.06	ng	#	95
46) 1,1'-Biphenyl	13.757	154	1108666	41.20	ng		98
47) 2-Chloronaphthalene	13.804	162	873142	39.55	ng		100
48) 2-Nitroaniline	13.981	65	262104	39.78	ng	#	60
49) Acenaphthylene	14.640	152	1319807	40.71	ng		100
50) Dimethylphthalate	14.345	163	1048293	38.69	ng		100
51) 2,6-Dinitrotoluene	14.463	165	233983	42.08	ng	#	76
52) Acenaphthene	14.987	154	932461	43.18	ng		92
53) 3-Nitroaniline	14.793	138	153719	24.98	ng	#	79
54) 2,4-Dinitrophenol	15.004	184	213218	71.70	ng	#	63
55) Dibenzofuran	15.310	168	1276197	39.77	ng		99
56) 4-Nitrophenol	15.116	139	362799	81.79	ng	#	65
57) 2,4-Dinitrotoluene	15.251	165	315236	42.23	ng	#	76
58) Fluorene	15.957	166	1027929	40.00	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	277502	41.22	ng		97
60) Diethylphthalate	15.698	149	1039315	39.17	ng		99
61) 4-Chlorophenyl-phenyle...	15.934	204	552295	39.33	ng		98
62) 4-Nitroaniline	15.951	138	222773	34.72	ng		83
63) Azobenzene	16.228	77	975836	38.96	ng		85
65) 4,6-Dinitro-2-methylph...	16.022	198	166480	44.34	ng	#	79
66) n-Nitrosodiphenylamine	16.145	169	894253	41.36	ng		98
67) 4-Bromophenyl-phenylether	16.828	248	337131	40.80	ng		98
68) Hexachlorobenzene	16.987	284	373601	39.62	ng		98
69) Atrazine	17.075	200	273548	38.54	ng		99
70) Pentachlorophenol	17.316	266	383077	84.93	ng		98
71) Phenanthrene	17.686	178	1557243	39.28	ng		99
72) Anthracene	17.781	178	1594918	41.66	ng		99
73) Carbazole	18.028	167	1408909	39.67	ng		98
74) Di-n-butylphthalate	18.545	149	1724021	41.93	ng		99
75) Fluoranthene	19.616	202	1808329	39.54	ng		100
77) Benzidine	19.763	184	592598	38.84	ng		100
78) Pyrene	19.969	202	1830757	41.71	ng		98
80) Butylbenzylphthalate	20.786	149	749003	45.79	ng		89
81) Benzo(a)anthracene	21.657	228	1709181	40.07	ng		98
82) 3,3'-Dichlorobenzidine	21.569	252	407209	27.67	ng		100
83) Chrysene	21.710	228	1636325	39.92	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1088377	45.14	ng		99
85) Di-n-octyl phthalate	22.469	149	1838575	45.77	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.715	276	1749943	38.60	ng		98
88) Benzo(b)fluoranthene	23.398	252	1691138	41.12	ng		99
89) Benzo(k)fluoranthene	23.445	252	1611475	39.68	ng		97
90) Benzo(a)pyrene	24.045	252	1480778	38.89	ng		98
91) Dibenzo(a,h)anthracene	26.715	278	1502700	39.76	ng		97
92) Benzo(g,h,i)perylene	27.504	276	1458577	39.87	ng		97

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

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