Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
Data File : BP003807.D
Acq On : 04 Nov 2020 15:49
Operator : CG/JU
Sample : PB132819BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB132819BS

Manual Integrations APPROVED
mohammad
11/6/2020 10:31:10 AM

Quant Time: Nov 05 14:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.293	152	184751	20.00	ng		0.00
21) Naphthalene-d8	11.128	136	693682	20.00	ng	#	0.00
39) Acenaphthene-d10	14.910	164	406204	20.00	ng		0.00
64) Phenanthrene-d10	17.634	188	805586	20.00	ng	#	0.00
76) Chrysene-d12	21.651	240	713404	20.00	ng		0.00
86) Perylene-d12	24.116	264	688884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.817	112	1458191	131.73	ng		0.00
7) Phenol-d6	7.464	99	1833218	115.37	ng		0.00
23) Nitrobenzene-d5	9.458	82	1185172m	83.68	ng		0.00
42) 2,4,6-Tribromophenol	16.387	330	640389	126.05	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	2387920	82.18	ng		0.00
79) Terphenyl-d14	20.122	244	2975792	80.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	165567	34.67	ng	#	63
3) Pyridine	3.946	79	502577	35.88	ng	#	60
4) n-Nitrosodimethylamine	3.846	42	277885	43.09	ng	#	54
6) Aniline	7.599	93	562553	31.18	ng	#	85
8) 2-Chlorophenol	7.864	128	544207	46.30	ng	#	82
9) Benzaldehyde	7.399	77	135992	15.71	ng	#	81
10) Phenol	7.487	94	696829	45.44	ng		83
11) bis(2-Chloroethyl)ether	7.687	93	542759	44.04	ng	#	79
12) 1,3-Dichlorobenzene	8.193	146	614157	42.64	ng	#	95
13) 1,4-Dichlorobenzene	8.334	146	619057	42.63	ng		96
14) 1,2-Dichlorobenzene	8.663	146	595981	42.97	ng		97
15) Benzyl Alcohol	8.528	79	494116	44.89	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.828	45	837937	40.37	ng		82
17) 2-Methylphenol	8.752	107	454241	45.12	ng	#	93
18) Hexachloroethane	9.410	117	225218	43.64	ng		96
19) n-Nitroso-di-n-propyla...	9.099	70	411768	43.36	ng	#	75
20) 3+4-Methylphenols	9.081	107	604486	44.98	ng		94
22) Acetophenone	9.116	105	803637	43.16	ng	#	86
24) Nitrobenzene	9.499	77	620024	44.05	ng	#	80
25) Isophorone	10.028	82	1082671	45.00	ng	#	90
26) 2-Nitrophenol	10.228	139	276120	50.24	ng	#	76
27) 2,4-Dimethylphenol	10.287	122	487127	53.13	ng		91
28) bis(2-Chloroethoxy)met...	10.499	93	681877	41.30	ng		97
29) 2,4-Dichlorophenol	10.775	162	503671	45.59	ng		95
30) 1,2,4-Trichlorobenzene	10.993	180	566442	42.09	ng		99
31) Naphthalene	11.175	128	1601729	43.03	ng		100
32) Benzoic acid	10.446	122	250649	40.51	ng	#	74
33) 4-Chloroaniline	11.263	127	292654	18.50	ng	#	89
34) Hexachlorobutadiene	11.493	225	363562	41.41	ng		100
35) Caprolactam	12.004	113	144204	42.22	ng	#	18
36) 4-Chloro-3-methylphenol	12.387	107	527936	44.27	ng		89
37) 2-Methylnaphthalene	12.757	142	1138832	42.75	ng		97
38) 1-Methylnaphthalene	12.975	142	1051085	41.37	ng		98
40) 1,2,4,5-Tetrachloroben...	13.140	216	615738	45.80	ng		98
41) Hexachlorocyclopentadiene	13.134	237	848037	125.04	ng		100
43) 2,4,6-Trichlorophenol	13.363	196	391112	47.06	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	412260	47.11	ng	#	94
46) 1,1'-Biphenyl	13.746	154	1406985	44.62	ng		98
47) 2-Chloronaphthalene	13.793	162	1099847	42.51	ng		99
48) 2-Nitroaniline	13.975	65	341449	44.23	ng	#	60
49) Acenaphthylene	14.634	152	1674467	44.07	ng		100
50) Dimethylphthalate	14.340	163	1333794	42.01	ng		100
51) 2,6-Dinitrotoluene	14.451	165	298794	45.86	ng	#	70
52) Acenaphthene	14.975	154	1192644	47.13	ng		91
53) 3-Nitroaniline	14.781	138	183599	25.46	ng	#	73
54) 2,4-Dinitrophenol	14.987	184	289692	79.50	ng	#	1
55) Dibenzofuran	15.304	168	1628481	43.31	ng		99
56) 4-Nitrophenol	15.098	139	476972	91.77	ng	#	61
57) 2,4-Dinitrotoluene	15.240	165	399002	45.62	ng	#	75
58) Fluorene	15.945	166	1293087	42.95	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.534	232	358751	45.48	ng		97
60) Diethylphthalate	15.693	149	1301586	41.87	ng		99
61) 4-Chlorophenyl-phenyle...	15.928	204	691555	42.03	ng		97
62) 4-Nitroaniline	15.940	138	283520	37.71	ng		85
63) Azobenzene	16.216	77	1258107	42.86	ng		85
65) 4,6-Dinitro-2-methylph...	16.010	198	215435	49.45	ng		82
66) n-Nitrosodiphenylamine	16.134	169	1138954	46.18	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	419642	44.52	ng		100
68) Hexachlorobenzene	16.975	284	464243	43.17	ng		98
69) Atrazine	17.063	200	334392	41.30	ng		97
70) Pentachlorophenol	17.304	266	529833	102.98	ng		99
71) Phenanthrene	17.675	178	1979570	43.78	ng		99
72) Anthracene	17.763	178	2016460	46.18	ng		98
73) Carbazole	18.016	167	1783499	44.03	ng		99
74) Di-n-butylphthalate	18.534	149	2082361	44.40	ng	#	99
75) Fluoranthene	19.604	202	2250175	43.13	ng		99
77) Benzidine	19.745	184	690696	41.05	ng		100
78) Pyrene	19.951	202	2279175	47.08	ng		98
80) Butylbenzylphthalate	20.769	149	867667	48.10	ng	#	87
81) Benzo(a)anthracene	21.633	228	2096432	44.56	ng		98
82) 3,3'-Dichlorobenzidine	21.545	252	418051	25.76	ng		99
83) Chrysene	21.692	228	2010111	44.47	ng		99
84) Bis(2-ethylhexyl)phtha...	21.516	149	1277421	48.04	ng		100
85) Di-n-octyl phthalate	22.445	149	2117439	47.80	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.657	276	2184353	43.96	ng		99
88) Benzo(b)fluoranthene	23.369	252	2006744	44.51	ng		100
89) Benzo(k)fluoranthene	23.416	252	2018948	45.36	ng		98
90) Benzo(a)pyrene	24.004	252	1802163	43.18	ng		99
91) Dibenzo(a,h)anthracene	26.657	278	1851196	44.69	ng		98
92) Benzo(g,h,i)perylene	27.445	276	1819622	45.38	ng		98

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

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