Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
Data File : BP003868.D
Acq On : 09 Nov 2020 15:03
Operator : CG/JU
Sample : PB132891BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB132891BS

Manual Integrations APPROVED
mohammad
11/10/2020 12:00:27 PM

Quant Time: Nov 09 16:14:00 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.305	152	107823	20.00	ng		0.00
21) Naphthalene-d8	11.134	136	456928	20.00	ng		# 0.00
39) Acenaphthene-d10	14.922	164	312116	20.00	ng		0.00
64) Phenanthrene-d10	17.645	188	727116	20.00	ng		0.00
76) Chrysene-d12	21.674	240	801409	20.00	ng		0.00
86) Perylene-d12	24.151	264	880661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	925713	143.29	ng		0.00
7) Phenol-d6	7.469	99	1249610	134.74	ng		0.00
23) Nitrobenzene-d5	9.463	82	798061m	85.54	ng		0.00
42) 2,4,6-Tribromophenol	16.398	330	567173	145.29	ng		0.00
45) 2-Fluorobiphenyl	13.546	172	1810207	81.08	ng		0.00
79) Terphenyl-d14	20.139	244	3067125	73.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.505	88	76894	27.59	ng	#	58
3) Pyridine	3.940	79	256748	31.41	ng	#	63
4) n-Nitrosodimethylamine	3.840	42	153979	40.91	ng	#	56
6) Aniline	7.605	93	355142	33.73	ng	#	85
8) 2-Chlorophenol	7.869	128	350126	51.05	ng		82
9) Benzaldehyde	7.405	77	91977	18.83	ng		83
10) Phenol	7.493	94	455788	50.93	ng		81
11) bis(2-Chloroethyl)ether	7.687	93	338538	47.07	ng	#	79
12) 1,3-Dichlorobenzene	8.199	146	349301	41.55	ng	#	95
13) 1,4-Dichlorobenzene	8.334	146	357334	42.16	ng		96
14) 1,2-Dichlorobenzene	8.669	146	352354	43.53	ng		97
15) Benzyl Alcohol	8.534	79	333362	51.90	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.828	45	504216	41.62	ng		82
17) 2-Methylphenol	8.758	107	308034	52.42	ng	#	94
18) Hexachloroethane	9.416	117	129718	43.07	ng		98
19) n-Nitroso-di-n-propyla...	9.105	70	270460	48.79	ng	#	78
20) 3+4-Methylphenols	9.087	107	416257	53.07	ng		94
22) Acetophenone	9.122	105	529780	43.20	ng	#	85
24) Nitrobenzene	9.505	77	402907	43.46	ng	#	81
25) Isophorone	10.034	82	753819	47.57	ng	#	91
26) 2-Nitrophenol	10.234	139	190789	52.70	ng	#	76
27) 2,4-Dimethylphenol	10.299	122	337007	55.81	ng		92
28) bis(2-Chloroethoxy)met...	10.505	93	456247	41.96	ng		96
29) 2,4-Dichlorophenol	10.787	162	352098	48.39	ng		96
30) 1,2,4-Trichlorobenzene	11.004	180	370184	41.75	ng		98
31) Naphthalene	11.187	128	1055494	43.05	ng		100
32) Benzoic acid	10.446	122	156406	38.81	ng	#	76
33) 4-Chloroaniline	11.275	127	315216	30.25	ng	#	90
34) Hexachlorobutadiene	11.499	225	228683	39.55	ng		99
35) Caprolactam	12.004	113	123658	54.96	ng	#	16
36) 4-Chloro-3-methylphenol	12.399	107	397786	50.64	ng		91
37) 2-Methylnaphthalene	12.769	142	794056	45.25	ng		97
38) 1-Methylnaphthalene	12.987	142	737374	44.06	ng		98
40) 1,2,4,5-Tetrachloroben...	13.146	216	432486	41.87	ng		99
41) Hexachlorocyclopentadiene	13.140	237	497892	95.54	ng		100
43) 2,4,6-Trichlorophenol	13.369	196	288475	45.18	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	319726	47.55	ng		96
46) 1,1'-Biphenyl	13.751	154	1021101	42.15	ng		97
47) 2-Chloronaphthalene	13.804	162	807884	40.64	ng		100
48) 2-Nitroaniline	13.981	65	275789	46.49	ng	#	59
49) Acenaphthylene	14.640	152	1282652	43.94	ng		99
50) Dimethylphthalate	14.345	163	1074368	44.04	ng		100
51) 2,6-Dinitrotoluene	14.463	165	240737	48.09	ng	#	73
52) Acenaphthene	14.981	154	932262	47.94	ng		94
53) 3-Nitroaniline	14.793	138	191011	34.47	ng	#	75
54) 2,4-Dinitrophenol	15.004	184	239745	83.68	ng	#	70
55) Dibenzofuran	15.310	168	1267477	43.87	ng		100
56) 4-Nitrophenol	15.116	139	423723	106.10	ng	#	63
57) 2,4-Dinitrotoluene	15.251	165	342977	51.03	ng	#	77
58) Fluorene	15.957	166	1046990	45.26	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.545	232	291138	48.04	ng		97
60) Diethylphthalate	15.704	149	1086850	45.50	ng		99
61) 4-Chlorophenyl-phenyle...	15.934	204	551146	43.59	ng		99
62) 4-Nitroaniline	15.951	138	267614	46.33	ng		84
63) Azobenzene	16.228	77	999217	44.30	ng		86
65) 4,6-Dinitro-2-methylph...	16.022	198	192999	49.13	ng	#	82
66) n-Nitrosodiphenylamine	16.145	169	946001	42.50	ng		97
67) 4-Bromophenyl-phenylether	16.828	248	351278	41.29	ng		99
68) Hexachlorobenzene	16.987	284	392756	40.46	ng		97
69) Atrazine	17.075	200	305132	41.76	ng		99
70) Pentachlorophenol	17.316	266	441686	95.12	ng		100
71) Phenanthrene	17.692	178	1720440	42.16	ng		98
72) Anthracene	17.775	178	1768795	44.88	ng		99
73) Carbazole	18.028	167	1652362	45.19	ng		98
74) Di-n-butylphthalate	18.545	149	1953182	46.14	ng	#	99
75) Fluoranthene	19.616	202	2177259	46.24	ng		99
77) Benzidine	19.763	184	810281	42.86	ng		99
78) Pyrene	19.969	202	2227343	40.96	ng		99
80) Butylbenzylphthalate	20.786	149	938958	46.33	ng		87
81) Benzo(a)anthracene	21.657	228	2278357	43.11	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	660126	36.21	ng		99
83) Chrysene	21.716	228	2191569	43.16	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1394255	46.68	ng		100
85) Di-n-octyl phthalate	22.469	149	2503873	50.32	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.727	276	2958778	46.57	ng		97
88) Benzo(b)fluoranthene	23.398	252	2487975	43.17	ng		99
89) Benzo(k)fluoranthene	23.445	252	2379198	41.81	ng		99
90) Benzo(a)pyrene	24.045	252	2266529	42.48	ng		98
91) Dibenzo(a,h)anthracene	26.721	278	2515876	47.51	ng		98
92) Benzo(g,h,i)perylene	27.509	276	2508542	48.94	ng		97

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

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