Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
Data File : BP003835.D
Acq On : 06 Nov 2020 11:42
Operator : CG/JU
Sample : PB132804BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 12:30:30 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 :
PB132804BS

Manual Integrations APPROVED
mohammad
11/10/2020 11:59:09 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.305	152	212168	20.00	ng		0.00
21) Naphthalene-d8	11.140	136	804537	20.00	ng	#	0.00
39) Acenaphthene-d10	14.922	164	460477	20.00	ng		0.00
64) Phenanthrene-d10	17.651	188	891047	20.00	ng	#	0.00
76) Chrysene-d12	21.675	240	737034	20.00	ng		0.00
86) Perylene-d12	24.157	264	737694	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	1711351	134.62	ng		0.00
7) Phenol-d6	7.475	99	2144781	117.53	ng		0.00
23) Nitrobenzene-d5	9.469	82	1388838m	84.54	ng		0.00
42) 2,4,6-Tribromophenol	16.404	330	738041	128.15	ng		0.00
45) 2-Fluorobiphenyl	13.551	172	2792696	84.79	ng		0.00
79) Terphenyl-d14	20.145	244	3187483	83.55	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	181507	33.09	ng	#	63
3) Pyridine	3.952	79	555980	34.56	ng	#	63
4) n-Nitrosodimethylamine	3.852	42	306018	41.32	ng	#	57
6) Aniline	7.605	93	741721	35.80	ng	#	84
8) 2-Chlorophenol	7.875	128	631157	46.76	ng		82
9) Benzaldehyde	7.405	77	182953	19.08	ng	#	81
10) Phenol	7.499	94	784143	44.53	ng		85
11) bis(2-Chloroethyl)ether	7.693	93	611023	43.17	ng	#	81
12) 1,3-Dichlorobenzene	8.199	146	710561	42.96	ng	#	94
13) 1,4-Dichlorobenzene	8.340	146	713793	42.80	ng		96
14) 1,2-Dichlorobenzene	8.669	146	685523	43.04	ng		96
15) Benzyl Alcohol	8.540	79	568994	45.02	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.834	45	920468	38.61	ng		82
17) 2-Methylphenol	8.763	107	516748	44.69	ng	#	94
18) Hexachloroethane	9.422	117	261513	44.13	ng		97
19) n-Nitroso-di-n-propyla...	9.110	70	464389	42.58	ng	#	78
20) 3+4-Methylphenols	9.093	107	683298	44.27	ng		95
22) Acetophenone	9.128	105	915045	42.37	ng	#	86
24) Nitrobenzene	9.510	77	697225	42.71	ng	#	81
25) Isophorone	10.040	82	1238654	44.39	ng	#	91
26) 2-Nitrophenol	10.234	139	329404	51.68	ng	#	75
27) 2,4-Dimethylphenol	10.305	122	550226	51.75	ng		94
28) bis(2-Chloroethoxy)met...	10.510	93	773656	40.41	ng		98
29) 2,4-Dichlorophenol	10.793	162	576733	45.01	ng		96
30) 1,2,4-Trichlorobenzene	11.005	180	656082	42.03	ng		100
31) Naphthalene	11.187	128	1832385	42.44	ng		100
32) Benzoic acid	10.469	122	313357	43.02	ng	#	78
33) 4-Chloroaniline	11.275	127	433437	23.62	ng	#	89
34) Hexachlorobutadiene	11.504	225	422945	41.54	ng		100
35) Caprolactam	12.022	113	165888	41.87	ng	#	25
36) 4-Chloro-3-methylphenol	12.404	107	583522	42.19	ng		90
37) 2-Methylnaphthalene	12.775	142	1291642	41.81	ng		97
38) 1-Methylnaphthalene	12.993	142	1188664	40.34	ng		98
40) 1,2,4,5-Tetrachloroben...	13.151	216	694915	45.60	ng		99
41) Hexachlorocyclopentadiene	13.146	237	945927	123.03	ng		100
43) 2,4,6-Trichlorophenol	13.375	196	443742	47.10	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.451	196	463476	46.72	ng		96
46) 1,1'-Biphenyl	13.757	154	1571183	43.96	ng		97
47) 2-Chloronaphthalene	13.810	162	1233745	42.07	ng		99
48) 2-Nitroaniline	13.987	65	366030	41.83	ng	#	61
49) Acenaphthylene	14.645	152	1862893	43.25	ng		99
50) Dimethylphthalate	14.357	163	1459022	40.54	ng		99
51) 2,6-Dinitrotoluene	14.469	165	325086	44.02	ng	#	78
52) Acenaphthene	14.987	154	1326104	46.22	ng		95
53) 3-Nitroaniline	14.798	138	226113	27.66	ng	#	78
54) 2,4-Dinitrophenol	15.004	184	327650	79.37	ng	#	14
55) Dibenzofuran	15.316	168	1784629	41.87	ng		99
56) 4-Nitrophenol	15.122	139	518950	88.08	ng	#	66
57) 2,4-Dinitrotoluene	15.257	165	438848	44.26	ng	#	78
58) Fluorene	15.963	166	1412575	41.39	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.551	232	393102	43.96	ng		96
60) Diethylphthalate	15.710	149	1410367	40.02	ng		98
61) 4-Chlorophenyl-phenyle...	15.940	204	761856	40.85	ng		97
62) 4-Nitroaniline	15.957	138	314221	36.87	ng		90
63) Azobenzene	16.234	77	1340551	40.29	ng		87
65) 4,6-Dinitro-2-methylph...	16.034	198	237206	49.25	ng		87
66) n-Nitrosodiphenylamine	16.151	169	1229961	45.09	ng		97
67) 4-Bromophenyl-phenylether	16.828	248	463058	44.42	ng		97
68) Hexachlorobenzene	16.992	284	511085	42.96	ng		99
69) Atrazine	17.081	200	360251	40.23	ng		99
70) Pentachlorophenol	17.322	266	577858	101.55	ng		100
71) Phenanthrene	17.692	178	2107567	42.14	ng		99
72) Anthracene	17.781	178	2150970	44.54	ng		99
73) Carbazole	18.034	167	1886951	42.11	ng		99
74) Di-n-butylphthalate	18.551	149	2269676	43.75	ng		99
75) Fluoranthene	19.622	202	2368766	41.05	ng		99
77) Benzidine	19.769	184	865795	49.80	ng		99
78) Pyrene	19.969	202	2376819	47.52	ng		98
80) Butylbenzylphthalate	20.786	149	933405	50.08	ng	#	85
81) Benzo(a)anthracene	21.657	228	2103861	43.29	ng		98
82) 3,3'-Dichlorobenzidine	21.569	252	577684	34.46	ng		98
83) Chrysene	21.716	228	1999360	42.81	ng		98
84) Bis(2-ethylhexyl)phtha...	21.539	149	1334576	48.58	ng		99
85) Di-n-octyl phthalate	22.469	149	2244045	49.03	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.727	276	2324589	43.68	ng		98
88) Benzo(b)fluoranthene	23.404	252	2120908	43.93	ng		99
89) Benzo(k)fluoranthene	23.451	252	1957304	41.06	ng		98
90) Benzo(a)pyrene	24.045	252	1867376	41.79	ng		99
91) Dibenzo(a,h)anthracene	26.727	278	1984884	44.75	ng		98
92) Benzo(g,h,i)perylene	27.515	276	1969419	45.87	ng		97

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

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