Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001607.D
Acq On : 15 Jan 2020 14:02
Operator : JU
Sample : PB126101BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB126101BS

Manual Integrations APPROVED
mohammad
1/16/2020 1:46:20 PM

Quant Time: Jan 16 06:31:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	38390	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	142883	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	94397	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	216627	20.00	ng		0.00
76) Chrysene-d12	21.16	240	184942	20.00	ng		0.00
87) Perylene-d12	23.39	264	147434	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	221428	112.99	ng		0.00
7) Phenol-d6	6.84	99	304765	97.30	ng		0.00
23) Nitrobenzene-d5	8.79	82	236090	72.20	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	131232	91.33	ng		0.00
45) 2-Fluorobiphenyl	12.91	172	503059	78.35	ng		0.00
79) Terphenyl-d14	19.64	244	752949	74.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	23995	38.365	ng		98
3) Pyridine	3.61	79	60737	26.874	ng		89
4) n-Nitrosodimethylamine	3.53	42	68195	42.574	ng		90
6) Aniline	6.98	93	102036	26.054	ng		99
8) 2-Chlorophenol	7.22	128	87636	38.303	ng		97
9) Benzaldehyde	6.79	77	35902	19.191	ng		97
10) Phenol	6.86	94	116239	35.876	ng		98
11) bis(2-Chloroethyl)ether	7.08	93	92696	36.479	ng		99
12) 1,3-Dichlorobenzene	7.53	146	105162	36.565	ng		95
13) 1,4-Dichlorobenzene	7.68	146	110387	37.119	ng		98
14) 1,2-Dichlorobenzene	7.99	146	104277	36.284	ng		98
15) Benzyl Alcohol	7.89	79	94342	31.984	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	170277	36.071	ng		96
17) 2-Methylphenol	8.10	107	77105	34.276	ng		98
18) Hexachloroethane	8.72	117	43446	37.423	ng		94
19) n-Nitroso-di-n-propylamine	8.45	70	77083	32.281	ng		89
20) 3+4-Methylphenols	8.42	107	102896	32.701	ng		96
22) Acetophenone	8.46	105	142680	35.622	ng	#	94
24) Nitrobenzene	8.83	77	124066	37.505	ng		96
25) Isophorone	9.36	82	206230	35.171	ng		98
26) 2-Nitrophenol	9.54	139	46945	37.552	ng		95
27) 2,4-Dimethylphenol	9.62	122	77530	41.512	ng		100
28) bis(2-Chloroethoxy)methane	9.85	93	117985	34.348	ng		98
29) 2,4-Dichlorophenol	10.07	162	87689	34.301	ng		98
30) 1,2,4-Trichlorobenzene	10.29	180	111435	36.108	ng		99
31) Naphthalene	10.47	128	275572	36.544	ng		99
32) Benzoic acid	9.77	122	43422	28.006	ng		98
33) 4-Chloroaniline	10.58	127	54650	15.740	ng		97
34) Hexachlorobutadiene	10.77	225	81943	37.509	ng		95
35) Caprolactam	11.36	113	24446m	26.334	ng		
36) 4-Chloro-3-methylphenol	11.73	107	92394	30.115	ng		99
37) 2-Methylnaphthalene	12.09	142	199344	33.170	ng		98
38) 1-Methylnaphthalene	12.31	142	189669	32.796	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	133793	41.376	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	127149	77.517	ng		98
43) 2,4,6-Trichlorophenol	12.71	196	78895	37.830	ng		99
44) 2,4,5-Trichlorophenol	12.79	196	82282	37.129	ng		92
46) 1,1'-Biphenyl	13.12	154	265391	39.234	ng		99
47) 2-Chloronaphthalene	13.15	162	212884	37.867	ng		99
48) 2-Nitroaniline	13.36	65	75771	34.305	ng		98
49) Acenaphthylene	14.00	152	329267	37.976	ng		100
50) Dimethylphthalate	13.76	163	254544	32.739	ng		98
51) 2,6-Dinitrotoluene	13.87	165	56183	34.076	ng		94
52) Acenaphthene	14.36	154	190863	35.544	ng		99
53) 3-Nitroaniline	14.20	138	34790	19.985	ng		99
54) 2,4-Dinitrophenol	14.40	184	58797	63.424	ng		88
55) Dibenzofuran	14.69	168	328228	36.146	ng		99
56) 4-Nitrophenol	14.53	139	87020	62.600	ng		96
57) 2,4-Dinitrotoluene	14.66	165	76446	31.688	ng		95
58) Fluorene	15.35	166	256126	34.857	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	77497	33.865	ng		98
60) Diethylphthalate	15.14	149	255671	31.972	ng		98
61) 4-Chlorophenyl-phenylether	15.35	204	148641	35.346	ng		98
62) 4-Nitroaniline	15.37	138	47620	23.993	ng		99
63) Azobenzene	15.65	77	287230	35.947	ng		96
65) 4,6-Dinitro-2-methylphenol	15.43	198	45189	38.584	ng		93
66) n-Nitrosodiphenylamine	15.57	169	222570	38.782	ng		100
67) 4-Bromophenyl-phenylether	16.25	248	90944	37.214	ng		96
68) Hexachlorobenzene	16.36	284	100415	35.365	ng		97
69) Atrazine	16.53	200	87605	41.564	ng		98
70) Pentachlorophenol	16.71	266	118932	75.848	ng		98
71) Phenanthrene	17.09	178	419397	35.600	ng		99
72) Anthracene	17.19	178	421574	36.759	ng		99
73) Carbazole	17.46	167	351296	32.626	ng		99
74) Di-n-butylphthalate	18.04	149	432113	33.921	ng		99
75) Fluoranthene	19.07	202	507978	32.769	ng		99
77) Benzidine	19.26	184	117366	27.793	ng	#	95
78) Pyrene	19.43	202	508763	37.449	ng		99
80) Butylbenzylphthalate	20.33	149	181832	35.215	ng		99
81) Benzo(a)anthracene	21.14	228	458521	35.599	ng		99
82) 3,3'-Dichlorobenzidine	21.08	252	163004	33.749	ng		98
83) Chrysene	21.19	228	448929	35.765	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	264774	37.406	ng		98
85) Di-n-octyl phthalate	21.97	149	418662	37.094	ng		97
86) Indeno(1,2,3-cd)pyrene	25.65	276	487293	33.164	ng		97
88) Benzo(b)fluoranthene	22.72	252	435402	46.865	ng		98
89) Benzo(k)fluoranthene	22.76	252	442282	48.826	ng		99
90) Benzo(a)pyrene	23.29	252	401548	45.521	ng		99
91) Dibenzo(a,h)anthracene	25.66	278	422809	46.456	ng	#	94
92) Benzo(g,h,i)perylene	26.33	276	428615	47.372	ng		99

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

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