Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012820\
Data File : BP001709.D
Acq On : 28 Jan 2020 16:37
Operator : CG/JU
Sample : PB126393BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 28 23:03:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB126393BS

Manual Integrations APPROVED
mohammad
1/30/2020 10:17:13 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	17633	20.00	ng		-0.01
21) Naphthalene-d8	10.33	136	110629	20.00	ng		-0.01
39) Acenaphthene-d10	14.21	164	62339	20.00	ng		-0.01
64) Phenanthrene-d10	16.97	188	156832	20.00	ng		-0.01
76) Chrysene-d12	21.09	240	166574	20.00	ng		0.00
87) Perylene-d12	23.33	264	191469	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	152205	169.09	ng		0.00
7) Phenol-d6	6.75	99	75328	52.36	ng		-0.01
23) Nitrobenzene-d5	8.70	82	177116	69.96	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	79949	84.25	ng		-0.01
45) 2-Fluorobiphenyl	12.83	172	380618	89.77	ng		-0.01
79) Terphenyl-d14	19.57	244	868744	95.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	11421	39.757	ng		90
3) Pyridine	3.49	79	52073	50.164	ng		96
4) n-Nitrosodimethylamine	3.41	42	52499	71.357	ng	#	85
6) Aniline	6.89	93	76107	42.310	ng		97
8) 2-Chlorophenol	7.12	128	58447	55.616	ng		91
9) Benzaldehyde	6.70	77	42331	49.263	ng		92
10) Phenol	6.78	94	52279	35.130	ng		97
11) bis(2-Chloroethyl)ether	6.99	93	59758	51.200	ng		93
12) 1,3-Dichlorobenzene	7.44	146	54009	40.886	ng		95
13) 1,4-Dichlorobenzene	7.59	146	55298	40.484	ng		94
14) 1,2-Dichlorobenzene	7.90	146	56248	42.611	ng		99
15) Benzyl Alcohol	7.80	79	64332	47.485	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.09	45	117967	54.407	ng		99
17) 2-Methylphenol	8.01	107	55929	54.129	ng		98
18) Hexachloroethane	8.62	117	21661	40.621	ng		97
19) n-Nitroso-di-n-propylamine	8.36	70	63270	57.686	ng		91
20) 3+4-Methylphenols	8.34	107	71155	49.233	ng		97
22) Acetophenone	8.37	105	108257	34.908	ng	#	92
24) Nitrobenzene	8.74	77	93068	36.337	ng		98
25) Isophorone	9.26	82	172332	37.959	ng		98
26) 2-Nitrophenol	9.45	139	34451	35.592	ng		97
27) 2,4-Dimethylphenol	9.53	122	64161	44.370	ng		95
28) bis(2-Chloroethoxy)methane	9.76	93	94772	35.634	ng		99
29) 2,4-Dichlorophenol	9.99	162	69335	35.029	ng		97
30) 1,2,4-Trichlorobenzene	10.19	180	70688	29.583	ng		100
31) Naphthalene	10.38	128	251617	43.095	ng		100
33) 4-Chloroaniline	10.49	127	107750	40.081	ng		98
34) Hexachlorobutadiene	10.68	225	45834	27.097	ng		95
35) Caprolactam	11.25	113	8155m	11.346	ng		
36) 4-Chloro-3-methylphenol	11.65	107	85537	36.008	ng		99
37) 2-Methylnaphthalene	12.00	142	154396	33.181	ng		97
38) 1-Methylnaphthalene	12.22	142	146619	32.744	ng		92
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	97200	45.517	ng		97
41) Hexachlorocyclopentadiene	12.36	237	48574	44.842	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.63	196	60632	44.024	ng		98
44) 2,4,5-Trichlorophenol	12.70	196	68031	46.485	ng		97
46) 1,1'-Biphenyl	13.03	154	219085	49.044	ng		99
47) 2-Chloronaphthalene	13.07	162	175862	47.368	ng		97
48) 2-Nitroaniline	13.29	65	80766	55.371	ng		93
49) Acenaphthylene	13.93	152	292392	51.065	ng		98
50) Dimethylphthalate	13.68	163	296314	57.710	ng		99
51) 2,6-Dinitrotoluene	13.79	165	54520	50.072	ng		86
52) Acenaphthene	14.27	154	170569	48.099	ng		98
53) 3-Nitroaniline	14.12	138	41481	36.083	ng		100
54) 2,4-Dinitrophenol	14.34	184	30485	49.795	ng	#	81
55) Dibenzofuran	14.62	168	295070	49.205	ng		99
56) 4-Nitrophenol	14.46	139	41665	45.387	ng	#	83
57) 2,4-Dinitrotoluene	14.59	165	78923	49.539	ng	#	91
58) Fluorene	15.27	166	245848	50.664	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	60421	39.981	ng		96
60) Diethylphthalate	15.06	149	252587	47.830	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	134057	48.271	ng		98
62) 4-Nitroaniline	15.30	138	55699	42.496	ng		93
63) Azobenzene	15.57	77	292228	55.380	ng		94
65) 4,6-Dinitro-2-methylphenol	15.36	198	36808	43.410	ng		83
66) n-Nitrosodiphenylamine	15.49	169	216311	52.062	ng		100
67) 4-Bromophenyl-phenylether	16.17	248	130518	73.770	ng		97
68) Hexachlorobenzene	16.29	284	120480	58.610	ng		97
69) Atrazine	16.46	200	93546	61.305	ng		97
70) Pentachlorophenol	16.64	266	66653	58.714	ng		99
71) Phenanthrene	17.02	178	423626	49.669	ng		99
72) Anthracene	17.11	178	432162	52.049	ng		100
73) Carbazole	17.39	167	385106	49.403	ng		98
74) Di-n-butylphthalate	17.97	149	455569	49.397	ng		99
75) Fluoranthene	19.00	202	560530	49.946	ng		100
77) Benzidine	19.19	184	253794	66.727	ng		98
78) Pyrene	19.36	202	575245	47.012	ng		100
80) Butylbenzylphthalate	20.26	149	218113	46.900	ng		99
81) Benzo(a)anthracene	21.07	228	589350	50.802	ng		98
82) 3,3'-Dichlorobenzidine	21.02	252	196282	45.120	ng		98
83) Chrysene	21.13	228	565748	50.042	ng		99
84) Bis(2-ethylhexyl)phthalate	21.03	149	320541	50.278	ng		97
85) Di-n-octyl phthalate	21.90	149	550616	54.165	ng		94
86) Indeno(1,2,3-cd)pyrene	25.59	276	637490	48.171	ng	#	94
88) Benzo(b)fluoranthene	22.64	252	626571m	51.931	ng		
89) Benzo(k)fluoranthene	22.70	252	590443	50.191	ng		98
90) Benzo(a)pyrene	23.23	252	559786	48.865	ng	#	99
91) Dibenzo(a,h)anthracene	25.63	278	541947	45.851	ng		99
92) Benzo(g,h,i)perylene	26.36	276	526210	44.783	ng	#	97

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

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