Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001578.D
Acq On : 09 Jan 2020 14:19
Operator : JU
Sample : PB125975BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125975BS

Manual Integrations APPROVED
mohammad
1/10/2020 1:07:37 PM

Quant Time: Jan 10 05:48:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	20622	20.00	ng		-0.01
21) Naphthalene-d8	10.43	136	90441	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	79715	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	224850	20.00	ng		-0.01
76) Chrysene-d12	21.16	240	227099	20.00	ng		-0.01
87) Perylene-d12	23.41	264	222419	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	142836	135.68	ng		0.00
7) Phenol-d6	6.85	99	205643	122.23	ng		0.00
23) Nitrobenzene-d5	8.80	82	162985	78.75	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	140689	115.94	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	420750	77.60	ng		0.00
79) Terphenyl-d14	19.65	244	958800	77.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	13149	39.138	ng	#	88
3) Pyridine	3.62	79	44497	36.652	ng		92
4) n-Nitrosodimethylamine	3.54	42	41699	48.462	ng		94
6) Aniline	6.99	93	73819	35.090	ng		95
8) 2-Chlorophenol	7.23	128	58494	47.593	ng		96
9) Benzaldehyde	6.80	77	40904	40.703	ng		95
10) Phenol	6.88	94	82747	47.544	ng		93
11) bis(2-Chloroethyl)ether	7.09	93	57099	41.831	ng		95
12) 1,3-Dichlorobenzene	7.55	146	61908	40.072	ng		90
13) 1,4-Dichlorobenzene	7.69	146	65756	41.162	ng		91
14) 1,2-Dichlorobenzene	8.00	146	64143	41.549	ng		96
15) Benzyl Alcohol	7.90	79	69925	44.132	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	101608	40.070	ng		98
17) 2-Methylphenol	8.11	107	56630	46.864	ng		97
18) Hexachloroethane	8.73	117	25480	40.858	ng		100
19) n-Nitroso-di-n-propylamine	8.46	70	54005	42.102	ng		93
20) 3+4-Methylphenols	8.43	107	77212	45.681	ng		95
22) Acetophenone	8.47	105	99919	39.411	ng		95
24) Nitrobenzene	8.84	77	85933	41.040	ng		99
25) Isophorone	9.38	82	153980	41.487	ng		98
26) 2-Nitrophenol	9.55	139	34134	43.136	ng		93
27) 2,4-Dimethylphenol	9.63	122	60672	51.323	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	83925	38.600	ng		98
29) 2,4-Dichlorophenol	10.09	162	72656	44.900	ng		97
30) 1,2,4-Trichlorobenzene	10.30	180	80285	41.099	ng		98
31) Naphthalene	10.48	128	201170	42.146	ng		99
32) Benzoic acid	9.79	122	39515	38.205	ng		99
33) 4-Chloroaniline	10.59	127	45042	20.495	ng		98
34) Hexachlorobutadiene	10.78	225	54692	39.551	ng		93
35) Caprolactam	11.38	113	25102m	42.719	ng		
36) 4-Chloro-3-methylphenol	11.74	107	83901	43.204	ng		99
37) 2-Methylnaphthalene	12.10	142	162691	42.768	ng		98
38) 1-Methylnaphthalene	12.32	142	156844	42.846	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	108492	39.731	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	140787	101.641	ng		99
43) 2,4,6-Trichlorophenol	12.72	196	73611	41.798	ng		97
44) 2,4,5-Trichlorophenol	12.79	196	81329	43.458	ng		97
46) 1,1'-Biphenyl	13.13	154	233349	40.851	ng		98
47) 2-Chloronaphthalene	13.16	162	189877	39.995	ng		99
48) 2-Nitroaniline	13.37	65	76079	40.788	ng		95
49) Acenaphthylene	14.02	152	314810	42.996	ng		99
50) Dimethylphthalate	13.77	163	257829	39.269	ng		99
51) 2,6-Dinitrotoluene	13.87	165	56662	40.696	ng		93
52) Acenaphthene	14.36	154	185571	40.923	ng		99
53) 3-Nitroaniline	14.20	138	36883	25.090	ng		98
54) 2,4-Dinitrophenol	14.42	184	58921	75.264	ng		92
55) Dibenzofuran	14.70	168	321405	41.914	ng		99
56) 4-Nitrophenol	14.54	139	103422	88.103	ng	#	83
57) 2,4-Dinitrotoluene	14.67	165	84860	41.655	ng		98
58) Fluorene	15.36	166	266768	42.992	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.93	232	83142	43.023	ng		99
60) Diethylphthalate	15.15	149	270522	40.060	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	149704	42.155	ng		94
62) 4-Nitroaniline	15.38	138	60200	35.918	ng		97
63) Azobenzene	15.66	77	297270	44.056	ng		97
65) 4,6-Dinitro-2-methylphenol	15.44	198	47287	38.898	ng		95
66) n-Nitrosodiphenylamine	15.57	169	237929	39.943	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	99887	39.379	ng		98
68) Hexachlorobenzene	16.37	284	112953	38.326	ng		100
69) Atrazine	16.55	200	105766	48.345	ng		99
70) Pentachlorophenol	16.72	266	142406	87.497	ng		98
71) Phenanthrene	17.10	178	485993	39.744	ng		99
72) Anthracene	17.19	178	504811	42.407	ng		99
73) Carbazole	17.47	167	443076	39.645	ng		100
74) Di-n-butylphthalate	18.05	149	509623	38.543	ng		99
75) Fluoranthene	19.08	202	657014	40.834	ng		100
77) Benzidine	19.27	184	305722	58.957	ng		98
78) Pyrene	19.43	202	674679	40.443	ng		99
80) Butylbenzylphthalate	20.33	149	243016	38.328	ng		99
81) Benzo(a)anthracene	21.15	228	649416	41.061	ng		99
82) 3,3'-Dichlorobenzidine	21.09	252	208621	35.176	ng		98
83) Chrysene	21.20	228	611254	39.657	ng		98
84) Bis(2-ethylhexyl)phthalate	21.10	149	340707	39.198	ng		98
85) Di-n-octyl phthalate	21.99	149	559058	40.339	ng		98
86) Indeno(1,2,3-cd)pyrene	25.68	276	563417	31.227	ng		99
88) Benzo(b)fluoranthene	22.73	252	618004	44.094	ng		99
89) Benzo(k)fluoranthene	22.78	252	577845	42.285	ng		98
90) Benzo(a)pyrene	23.31	252	541599	40.699	ng		100
91) Dibenzo(a,h)anthracene	25.70	278	480874	35.023	ng		98
92) Benzo(g,h,i)perylene	26.40	276	466796	34.199	ng		98

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

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