Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001579.D
Acq On : 09 Jan 2020 14:58
Operator : JU
Sample : PB125975BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125975BSD

Manual Integrations APPROVED
mohammad
1/10/2020 1:07:40 PM

Quant Time: Jan 10 05:52:14 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	7.66	152	21379	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	91402	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	78623	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	214326	20.00	ng		0.00
76) Chrysene-d12	21.17	240	212338	20.00	ng		0.00
87) Perylene-d12	23.42	264	211158	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	158978	145.67	ng		0.00
7) Phenol-d6	6.86	99	224896	128.94	ng		0.00
23) Nitrobenzene-d5	8.80	82	171840	82.15	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	147833	123.52	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	448839	83.93	ng		0.00
79) Terphenyl-d14	19.65	244	962816	82.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	14503	41.639	ng		95
3) Pyridine	3.63	79	45364	36.044	ng		98
4) n-Nitrosodimethylamine	3.54	42	45801	51.345	ng		94
6) Aniline	6.99	93	81379	37.314	ng		97
8) 2-Chlorophenol	7.23	128	64577	50.682	ng		93
9) Benzaldehyde	6.80	77	45526	43.698	ng		98
10) Phenol	6.88	94	89462	49.582	ng		96
11) bis(2-Chloroethyl)ether	7.09	93	62146	43.916	ng		95
12) 1,3-Dichlorobenzene	7.55	146	69893	43.639	ng		95
13) 1,4-Dichlorobenzene	7.69	146	71179	42.979	ng		96
14) 1,2-Dichlorobenzene	8.00	146	69004	43.115	ng		98
15) Benzyl Alcohol	7.90	79	76403	46.513	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	113061	43.007	ng		99
17) 2-Methylphenol	8.12	107	61506	49.097	ng		99
18) Hexachloroethane	8.73	117	28130	43.510	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	58152	43.730	ng		96
20) 3+4-Methylphenols	8.44	107	83972	47.921	ng		97
22) Acetophenone	8.47	105	107355	41.899	ng		95
24) Nitrobenzene	8.85	77	95111	44.946	ng		97
25) Isophorone	9.37	82	162233	43.251	ng		99
26) 2-Nitrophenol	9.56	139	37232	46.557	ng		95
27) 2,4-Dimethylphenol	9.63	122	65856	55.122	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	92679	42.178	ng		96
29) 2,4-Dichlorophenol	10.09	162	77800	47.574	ng		95
30) 1,2,4-Trichlorobenzene	10.30	180	84546	42.826	ng		99
31) Naphthalene	10.49	128	210962	43.733	ng		99
32) Benzoic acid	9.79	122	42435	40.303	ng		98
33) 4-Chloroaniline	10.60	127	47382	21.333	ng		98
34) Hexachlorobutadiene	10.79	225	58924	42.164	ng		97
35) Caprolactam	11.38	113	25006m	42.109	ng		
36) 4-Chloro-3-methylphenol	11.75	107	90262	45.991	ng		99
37) 2-Methylnaphthalene	12.10	142	171420	44.589	ng		95
38) 1-Methylnaphthalene	12.33	142	164725	44.526	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	113899	42.290	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	142937	104.626	ng		98
43) 2,4,6-Trichlorophenol	12.73	196	77856	44.822	ng		96
44) 2,4,5-Trichlorophenol	12.80	196	86392	46.804	ng		97
46) 1,1'-Biphenyl	13.13	154	243579	43.234	ng		100
47) 2-Chloronaphthalene	13.17	162	199470	42.599	ng		100
48) 2-Nitroaniline	13.37	65	79820	43.388	ng		97
49) Acenaphthylene	14.02	152	326551	45.219	ng		99
50) Dimethylphthalate	13.77	163	269766	41.658	ng		98
51) 2,6-Dinitrotoluene	13.88	165	60122	43.781	ng		99
52) Acenaphthene	14.37	154	191818	42.888	ng		99
53) 3-Nitroaniline	14.21	138	40144	27.687	ng		94
54) 2,4-Dinitrophenol	14.42	184	65523	84.860	ng		91
55) Dibenzofuran	14.71	168	336894	44.544	ng		98
56) 4-Nitrophenol	14.55	139	108860	94.023	ng		90
57) 2,4-Dinitrotoluene	14.67	165	88545	44.067	ng	#	97
58) Fluorene	15.36	166	273945	44.762	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	87380	45.845	ng		99
60) Diethylphthalate	15.16	149	284269	42.680	ng		98
61) 4-Chlorophenyl-phenylether	15.36	204	156596	44.709	ng		93
62) 4-Nitroaniline	15.39	138	61937	37.468	ng		94
63) Azobenzene	15.66	77	306394	46.039	ng		96
65) 4,6-Dinitro-2-methylphenol	15.44	198	51295	44.267	ng		95
66) n-Nitrosodiphenylamine	15.58	169	248415	43.751	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	103756	42.912	ng		97
68) Hexachlorobenzene	16.37	284	114331	40.699	ng		99
69) Atrazine	16.55	200	111049	53.253	ng		98
70) Pentachlorophenol	16.72	266	149210	96.179	ng		99
71) Phenanthrene	17.11	178	501466	43.023	ng		99
72) Anthracene	17.20	178	510627	45.002	ng		99
73) Carbazole	17.47	167	457602	42.955	ng		100
74) Di-n-butylphthalate	18.06	149	524032	41.578	ng		100
75) Fluoranthene	19.09	202	663624	43.270	ng		99
77) Benzidine	19.27	184	318802	65.754	ng		98
78) Pyrene	19.44	202	675408	43.301	ng		99
80) Butylbenzylphthalate	20.34	149	243425	41.061	ng		97
81) Benzo(a)anthracene	21.15	228	643329	43.503	ng		98
82) 3,3'-Dichlorobenzidine	21.09	252	208131	37.533	ng		96
83) Chrysene	21.20	228	619830	43.009	ng		99
84) Bis(2-ethylhexyl)phthalate	21.11	149	349341	42.986	ng		99
85) Di-n-octyl phthalate	21.99	149	566547	43.721	ng		97
86) Indeno(1,2,3-cd)pyrene	25.70	276	595783	35.316	ng		99
88) Benzo(b)fluoranthene	22.74	252	626729	47.101	ng		99
89) Benzo(k)fluoranthene	22.79	252	587985	45.322	ng		99
90) Benzo(a)pyrene	23.32	252	553957	43.847	ng		99
91) Dibenzo(a,h)anthracene	25.73	278	507844	38.960	ng		100
92) Benzo(g,h,i)perylene	26.42	276	486860	37.571	ng		96

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

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