Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001296.D
Acq On : 10 Dec 2019 13:04
Operator : JU
Sample : PB125342BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125342BSD

Manual Integrations APPROVED
mohammad
12/11/2019 12:28:43 PM

Quant Time: Dec 11 04:19:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	76765	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	324579	20.00	ng		0.00
39) Acenaphthene-d10	13.21	164	198123	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	375705	20.00	ng		0.00
76) Chrysene-d12	19.25	240	290923	20.00	ng		0.00
87) Perylene-d12	21.02	264	256441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	688031	148.70	ng		0.01
7) Phenol-d6	7.77	99	923587	149.83	ng		0.00
23) Nitrobenzene-d5	9.19	82	540558	72.26	ng		0.00
42) 2,4,6-Tribromophenol	14.51	330	291397	153.45	ng		0.00
45) 2-Fluorobiphenyl	12.13	172	970952	71.73	ng		0.00
79) Terphenyl-d14	17.89	244	1146889	72.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	67814	31.378	ng		96
3) Pyridine	3.45	79	167936	28.003	ng		94
4) n-Nitrosodimethylamine	3.36	42	147919	56.999	ng		81
6) Aniline	7.79	93	308784	37.781	ng	#	1
8) 2-Chlorophenol	7.98	128	252455	52.735	ng		99
9) Benzaldehyde	7.60	77	98576	24.590	ng		98
10) Phenol	7.79	94	361684	51.583	ng		95
11) bis(2-Chloroethyl)ether	7.92	93	254421	46.597	ng		99
12) 1,3-Dichlorobenzene	8.22	146	251851	44.386	ng		98
13) 1,4-Dichlorobenzene	8.33	146	256446	44.865	ng		98
14) 1,2-Dichlorobenzene	8.58	146	251104	46.678	ng		99
15) Benzyl Alcohol	8.55	79	301512	59.586	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	383010	43.632	ng		98
17) 2-Methylphenol	8.73	107	225277	51.301	ng		97
18) Hexachloroethane	9.11	117	110179	46.596	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	228455	51.361	ng		98
20) 3+4-Methylphenols	8.98	107	300129	54.219	ng		97
22) Acetophenone	8.96	105	418169	43.834	ng	#	95
24) Nitrobenzene	9.22	77	340956	45.832	ng		97
25) Isophorone	9.62	82	601594	44.844	ng		98
26) 2-Nitrophenol	9.73	139	132329	48.563	ng		96
27) 2,4-Dimethylphenol	9.83	122	227405	52.687	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	337752	40.127	ng		100
29) 2,4-Dichlorophenol	10.13	162	235667	47.973	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	253319	44.150	ng		99
31) Naphthalene	10.38	128	729654	44.016	ng		99
32) Benzoic acid	10.05	122	152030	48.721	ng		97
33) 4-Chloroaniline	10.47	127	216386	30.080	ng		99
34) Hexachlorobutadiene	10.60	225	168188	46.597	ng		98
35) Caprolactam	11.06	113	72093m	42.581	ng		
36) 4-Chloro-3-methylphenol	11.29	107	285347	48.992	ng		99
37) 2-Methylnaphthalene	11.51	142	529601	46.820	ng		98
38) 1-Methylnaphthalene	11.67	142	491128	45.963	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	278674	44.633	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	314341	109.131	ng		98
43) 2,4,6-Trichlorophenol	11.98	196	185858	45.590	ng		100
44) 2,4,5-Trichlorophenol	12.04	196	199486	47.227	ng		98
46) 1,1'-Biphenyl	12.28	154	668222	43.641	ng		99
47) 2-Chloronaphthalene	12.30	162	516273	42.212	ng		100
48) 2-Nitroaniline	12.47	65	214293	44.706	ng		96
49) Acenaphthylene	12.98	152	811546	44.267	ng		100
50) Dimethylphthalate	12.81	163	651480	43.966	ng		99
51) 2,6-Dinitrotoluene	12.89	165	137976	43.499	ng		94
52) Acenaphthene	13.26	154	468754	42.506	ng		100
53) 3-Nitroaniline	13.15	138	103144	28.947	ng		95
54) 2,4-Dinitrophenol	13.33	184	125181	95.141	ng		85
55) Dibenzofuran	13.55	168	748814	45.187	ng		99
56) 4-Nitrophenol	13.46	139	220893	87.487	ng		87
57) 2,4-Dinitrotoluene	13.55	165	189767	47.729	ng	#	89
58) Fluorene	14.11	166	605206	45.577	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	165812	47.754	ng		98
60) Diethylphthalate	13.97	149	669466	43.634	ng		99
61) 4-Chlorophenyl-phenylether	14.13	204	306001	45.254	ng		96
62) 4-Nitroaniline	12.47	138	164605	39.845	ng		95
63) Azobenzene	14.39	77	716666	43.213	ng		96
65) 4,6-Dinitro-2-methylphenol	14.22	198	84244	51.722	ng		93
66) n-Nitrosodiphenylamine	14.33	169	517173	45.304	ng		99
67) 4-Bromophenyl-phenylether	14.93	248	183582	45.008	ng		99
68) Hexachlorobenzene	15.01	284	200676	44.751	ng		98
69) Atrazine	15.22	200	184021	52.796	ng		97
70) Pentachlorophenol	15.33	266	243051	103.993	ng		99
71) Phenanthrene	15.65	178	894998	45.312	ng		99
72) Anthracene	15.72	178	907828	46.631	ng		99
73) Carbazole	15.97	167	787856	44.473	ng		100
74) Di-n-butylphthalate	16.52	149	1069007	44.881	ng		99
75) Fluoranthene	17.36	202	979852	46.859	ng		99
77) Benzidine	17.54	184	315655	42.023	ng		99
78) Pyrene	17.66	202	972681	42.450	ng		99
80) Butylbenzylphthalate	18.55	149	433669	40.976	ng		93
81) Benzo(a)anthracene	19.24	228	857651	42.520	ng		99
82) 3,3'-Dichlorobenzidine	19.21	252	288930	43.359	ng		99
83) Chrysene	19.29	228	809017	44.790	ng		99
84) Bis(2-ethylhexyl)phthalate	19.29	149	617569	42.442	ng		98
85) Di-n-octyl phthalate	20.07	149	1030749	39.877	ng		99
86) Indeno(1,2,3-cd)pyrene	22.67	276	803886	37.764	ng		97
88) Benzo(b)fluoranthene	20.54	252	801556	51.174	ng		99
89) Benzo(k)fluoranthene	20.57	252	722896	47.918	ng		100
90) Benzo(a)pyrene	20.96	252	686028	47.550	ng	#	97
91) Dibenzo(a,h)anthracene	22.70	278	681202	48.247	ng		98
92) Benzo(g,h,i)perylene	23.16	276	658821	47.255	ng		97

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

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