Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
Data File : BP001307.D
Acq On : 11 Dec 2019 10:16
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Dec 12 06:38:30 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	8.31	152	92452	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	330520	20.00	ng		0.00
39) Acenaphthene-d10	13.21	164	188648	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	369119	20.00	ng		0.00
76) Chrysene-d12	19.25	240	290588	20.00	ng		0.00
87) Perylene-d12	21.02	264	294128	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	445869	80.01	ng		0.00
7) Phenol-d6	7.76	99	603916	81.35	ng		0.00
23) Nitrobenzene-d5	9.20	82	681627	89.47	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	177561	98.20	ng		0.00
45) 2-Fluorobiphenyl	12.13	172	1187538	92.13	ng		0.00
79) Terphenyl-d14	17.89	244	1393991	88.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	89826	34.510	ng		96
3) Pyridine	3.38	79	254799	35.278	ng		94
4) n-Nitrosodimethylamine	3.30	42	156186	49.973	ng		86
6) Aniline	7.79	93	383304	38.941	ng	#	22
8) 2-Chlorophenol	7.98	128	232093	40.256	ng		99
9) Benzaldehyde	7.60	77	181101	41.637	ng		98
10) Phenol	7.79	94	342021	40.502	ng		85
11) bis(2-Chloroethyl)ether	7.92	93	250393	38.078	ng		98
12) 1,3-Dichlorobenzene	8.22	146	284718	41.664	ng		97
13) 1,4-Dichlorobenzene	8.34	146	287599	41.778	ng		99
14) 1,2-Dichlorobenzene	8.58	146	273614	42.233	ng		99
15) Benzyl Alcohol	8.55	79	285354	46.825	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.78	45	397497	37.599	ng		99
17) 2-Methylphenol	8.73	107	205033	38.768	ng		97
18) Hexachloroethane	9.11	117	121556	42.685	ng		98
19) n-Nitroso-di-n-propylamine	8.99	70	218334	40.757	ng		99
20) 3+4-Methylphenols	8.98	107	272580	40.887	ng		99
22) Acetophenone	8.96	105	411803	42.391	ng	#	96
24) Nitrobenzene	9.23	77	329238	43.462	ng		98
25) Isophorone	9.62	82	553759	40.536	ng		98
26) 2-Nitrophenol	9.73	139	116785	42.088	ng		95
27) 2,4-Dimethylphenol	9.83	122	172365	39.217	ng		94
28) bis(2-Chloroethoxy)methane	9.99	93	326740	38.121	ng		99
29) 2,4-Dichlorophenol	10.13	162	212929	42.565	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	258280	44.205	ng		97
31) Naphthalene	10.38	128	687051	40.701	ng		99
32) Benzoic acid	10.03	122	101650	31.991	ng		99
33) 4-Chloroaniline	10.48	127	287973	39.312	ng		98
34) Hexachlorobutadiene	10.60	225	180740	49.175	ng		97
35) Caprolactam	11.07	113	64436	37.375	ng		94
36) 4-Chloro-3-methylphenol	11.29	107	249335	42.040	ng		99
37) 2-Methylnaphthalene	11.51	142	481808	41.829	ng		98
38) 1-Methylnaphthalene	11.67	142	450997	41.449	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	273153	45.946	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	125738	45.845	ng		99
43) 2,4,6-Trichlorophenol	11.97	196	167851	43.241	ng		98
44) 2,4,5-Trichlorophenol	12.03	196	172269	42.832	ng		99
46) 1,1'-Biphenyl	12.28	154	621534	42.631	ng		98
47) 2-Chloronaphthalene	12.30	162	499564	42.897	ng		99
48) 2-Nitroaniline	12.47	65	201318	44.108	ng		99
49) Acenaphthylene	12.97	152	719301	41.206	ng		99
50) Dimethylphthalate	12.81	163	604808	42.867	ng		99
51) 2,6-Dinitrotoluene	12.89	165	125596	41.584	ng		94
52) Acenaphthene	13.26	154	436907	41.608	ng		99
53) 3-Nitroaniline	13.15	138	130505	38.466	ng		99
54) 2,4-Dinitrophenol	13.32	184	50495	44.403	ng		90
55) Dibenzofuran	13.55	168	676930	42.900	ng		100
56) 4-Nitrophenol	13.44	139	91153	37.915	ng		89
57) 2,4-Dinitrotoluene	13.54	165	170764	45.107	ng	#	89
58) Fluorene	14.11	166	545147	43.116	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	144648	43.751	ng		99
60) Diethylphthalate	13.97	149	625108	42.789	ng		99
61) 4-Chlorophenyl-phenylether	14.13	204	285818	44.392	ng		98
62) 4-Nitroaniline	12.47	138	156709	39.839	ng		97
63) Azobenzene	14.39	77	653847	41.406	ng		96
65) 4,6-Dinitro-2-methylphenol	14.21	198	64678	41.790	ng		93
66) n-Nitrosodiphenylamine	14.32	169	457230	40.768	ng		98
67) 4-Bromophenyl-phenylether	14.92	248	171848	42.883	ng		98
68) Hexachlorobenzene	15.01	284	192866	43.777	ng		95
69) Atrazine	15.22	200	142964	41.748	ng		97
70) Pentachlorophenol	15.32	266	97881	42.627	ng		97
71) Phenanthrene	15.65	178	818162	42.161	ng		99
72) Anthracene	15.72	178	807855	42.236	ng		99
73) Carbazole	15.97	167	723822	41.587	ng		100
74) Di-n-butylphthalate	16.52	149	1001286	42.787	ng		99
75) Fluoranthene	17.35	202	892535	43.445	ng		99
77) Benzidine	17.54	184	297386	39.637	ng		98
78) Pyrene	17.66	202	901300	39.380	ng		100
80) Butylbenzylphthalate	18.54	149	430849	40.757	ng		96
81) Benzo(a)anthracene	19.23	228	813590	40.382	ng		99
82) 3,3'-Dichlorobenzidine	19.20	252	267457	40.183	ng		99
83) Chrysene	19.29	228	778942	43.175	ng		99
84) Bis(2-ethylhexyl)phthalate	19.29	149	610386	41.996	ng		98
85) Di-n-octyl phthalate	20.07	149	1015933	39.349	ng		99
86) Indeno(1,2,3-cd)pyrene	22.67	276	813736	38.271	ng		98
88) Benzo(b)fluoranthene	20.53	252	768189	42.760	ng		99
89) Benzo(k)fluoranthene	20.57	252	729026	42.132	ng		99
90) Benzo(a)pyrene	20.95	252	691328	41.778	ng		98
91) Dibenzo(a,h)anthracene	22.69	278	674696	41.664	ng		97
92) Benzo(g,h,i)perylene	23.16	276	641280	40.104	ng		96

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

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