Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001457.D
Acq On : 27 Dec 2019 14:43
Operator : JU
Sample : PB125724BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125724BS

Quant Time: Dec 28 03:44:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25091	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	95059	20.00	ng		0.00
39) Acenaphthene-d10	13.18	164	58361	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	120604	20.00	ng		0.00
76) Chrysene-d12	19.23	240	95636	20.00	ng		0.00
87) Perylene-d12	20.99	264	73769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	164637	106.05	ng		0.01
7) Phenol-d6	7.76	99	220243	108.72	ng		0.00
23) Nitrobenzene-d5	9.17	82	161227	65.13	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	85355	116.98	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	341846	74.07	ng		0.00
79) Terphenyl-d14	17.87	244	452243	80.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	20922	32.747	ng		93
3) Pyridine	3.43	79	47405	27.161	ng		96
4) n-Nitrosodimethylamine	3.35	42	41497	37.549	ng		95
6) Aniline	7.76	93	61889	24.269	ng		95
8) 2-Chlorophenol	7.96	128	65978	42.273	ng		93
9) Benzaldehyde	7.58	77	24981	17.579	ng		96
10) Phenol	7.78	94	84979	36.714	ng	#	80
11) bis(2-Chloroethyl)ether	7.89	93	61366	37.475	ng		92
12) 1,3-Dichlorobenzene	8.19	146	75849	39.016	ng		97
13) 1,4-Dichlorobenzene	8.31	146	78561	39.664	ng		98
14) 1,2-Dichlorobenzene	8.55	146	75139	39.821	ng		99
15) Benzyl Alcohol	8.52	79	71520	37.626	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	78873	30.413	ng		87
17) 2-Methylphenol	8.72	107	55926	40.550	ng		94
18) Hexachloroethane	9.09	117	30487	36.183	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	52772	36.695	ng		99
20) 3+4-Methylphenols	8.97	107	73168	39.978	ng		98
22) Acetophenone	8.93	105	103473	34.422	ng	#	98
24) Nitrobenzene	9.20	77	84205	34.562	ng		96
25) Isophorone	9.59	82	140499	35.299	ng		98
26) 2-Nitrophenol	9.71	139	35427	40.778	ng		94
27) 2,4-Dimethylphenol	9.82	122	57284	44.831	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	78137	32.868	ng		99
29) 2,4-Dichlorophenol	10.11	162	64042	40.477	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	74582	38.323	ng		98
31) Naphthalene	10.36	128	197678	38.096	ng		99
32) Benzoic acid	10.02	122	33502	34.058	ng	#	82
33) 4-Chloroaniline	10.45	127	44349	20.899	ng		98
34) Hexachlorobutadiene	10.58	225	48383	35.644	ng		95
35) Caprolactam	11.03	113	18768	39.865	ng	#	78
36) 4-Chloro-3-methylphenol	11.28	107	70134	37.933	ng		96
37) 2-Methylnaphthalene	11.49	142	143999	40.197	ng		100
38) 1-Methylnaphthalene	11.65	142	134585	39.961	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	80569	37.337	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	68874	64.532	ng		97
43) 2,4,6-Trichlorophenol	11.96	196	51947	39.143	ng		98
44) 2,4,5-Trichlorophenol	12.03	196	54594	40.038	ng		97
46) 1,1'-Biphenyl	12.26	154	186485	38.184	ng		99
47) 2-Chloronaphthalene	12.27	162	145070	36.744	ng		98
48) 2-Nitroaniline	12.45	65	50333	31.837	ng		96
49) Acenaphthylene	12.95	152	223123	38.659	ng		100
50) Dimethylphthalate	12.78	163	175899	36.738	ng		99
51) 2,6-Dinitrotoluene	12.86	165	37576	38.651	ng		97
52) Acenaphthene	13.23	154	131382	37.782	ng		99
53) 3-Nitroaniline	13.13	138	23810	22.818	ng		85
54) 2,4-Dinitrophenol	13.31	184	33827	90.109	ng		100
55) Dibenzofuran	13.52	168	211981	38.907	ng		97
56) 4-Nitrophenol	13.45	139	53111	71.180	ng		95
57) 2,4-Dinitrotoluene	13.52	165	52701	39.002	ng	#	98
58) Fluorene	14.09	166	170728	39.177	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	46850	40.020	ng		96
60) Diethylphthalate	13.95	149	176934	35.829	ng		100
61) 4-Chlorophenyl-phenylether	14.10	204	91385	39.893	ng		95
62) 4-Nitroaniline	12.45	138	42617	35.268	ng		92
63) Azobenzene	14.36	77	180456	34.710	ng		95
65) 4,6-Dinitro-2-methylphenol	14.19	198	25892	47.936	ng		95
66) n-Nitrosodiphenylamine	14.30	169	146379	38.284	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	55408	38.858	ng		96
68) Hexachlorobenzene	14.98	284	61362	37.801	ng		95
69) Atrazine	15.19	200	53629	39.049	ng		93
70) Pentachlorophenol	15.30	266	65224	78.351	ng		92
71) Phenanthrene	15.62	178	258712	37.599	ng		99
72) Anthracene	15.70	178	260934	38.307	ng		99
73) Carbazole	15.95	167	217596	35.831	ng		99
74) Di-n-butylphthalate	16.50	149	296089	35.529	ng		99
75) Fluoranthene	17.33	202	290628	37.774	ng		97
77) Benzidine	17.52	184	37909	13.615	ng		98
78) Pyrene	17.64	202	289445	38.980	ng		98
80) Butylbenzylphthalate	18.52	149	119987	34.660	ng		91
81) Benzo(a)anthracene	19.22	228	261516	37.527	ng		98
82) 3,3'-Dichlorobenzidine	19.19	252	78999	32.646	ng		99
83) Chrysene	19.26	228	246694	36.675	ng		98
84) Bis(2-ethylhexyl)phthalate	19.26	149	177962	35.033	ng		98
85) Di-n-octyl phthalate	20.05	149	287237	34.116	ng		98
86) Indeno(1,2,3-cd)pyrene	22.63	276	238178	32.786	ng		99
88) Benzo(b)fluoranthene	20.52	252	225224	46.489	ng		99
89) Benzo(k)fluoranthene	20.52	252	225224	48.803	ng		98
90) Benzo(a)pyrene	20.92	252	203346	46.075	ng		99
91) Dibenzo(a,h)anthracene	22.64	278	204534	47.400	ng		98
92) Benzo(g,h,i)perylene	23.11	276	189212	45.888	ng		98

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

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