Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091520\
Data File : BP003290.D
Acq On : 15 Sep 2020 15:18
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Sep 15 16:29:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 16:17:32 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	83595	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	323469	20.00	ng		0.00
39) Acenaphthene-d10	14.275	164	213217	20.00	ng		0.00
64) Phenanthrene-d10	17.028	188	477898	20.00	ng		0.00
76) Chrysene-d12	21.127	240	538365	20.00	ng		0.00
86) Perylene-d12	23.351	264	593169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	366892	77.60	ng		0.00
7) Phenol-d6	6.822	99	496165	83.71	ng		0.00
23) Nitrobenzene-d5	8.775	82	420727	93.77	ng		0.00
42) 2,4,6-Tribromophenol	15.775	330	254143	88.13	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1086038	74.59	ng		0.00
79) Terphenyl-d14	19.604	244	1909180	78.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	73664	40.75	ng		98
3) Pyridine	3.552	79	201290	42.31	ng		93
4) n-Nitrosodimethylamine	3.464	42	60616	48.80	ng		92
6) Aniline	6.957	93	281856	43.68	ng		94
8) 2-Chlorophenol	7.199	128	203667	38.64	ng		93
9) Benzaldehyde	6.769	77	134282	48.59	ng		93
10) Phenol	6.846	94	236215	43.00	ng		90
11) bis(2-Chloroethyl)ether	7.057	93	186387	42.87	ng		99
12) 1,3-Dichlorobenzene	7.516	146	245661	38.33	ng	#	96
13) 1,4-Dichlorobenzene	7.657	146	246117	38.04	ng		96
14) 1,2-Dichlorobenzene	7.975	146	235266	38.35	ng		96
15) Benzyl Alcohol	7.869	79	169278	50.69	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.163	45	133848	36.33	ng		89
17) 2-Methylphenol	8.081	107	170046	43.46	ng		96
18) Hexachloroethane	8.693	117	91904	43.42	ng		97
19) n-Nitroso-di-n-propyla...	8.428	70	132933	49.64	ng		97
20) 3+4-Methylphenols	8.410	107	230886	43.79	ng		96
22) Acetophenone	8.440	105	306574	42.56	ng	#	95
24) Nitrobenzene	8.816	77	209611	47.56	ng		90
25) Isophorone	9.340	82	387374	48.93	ng		94
26) 2-Nitrophenol	9.528	139	116015	44.17	ng	#	86
27) 2,4-Dimethylphenol	9.604	122	162452	41.14	ng		91
28) bis(2-Chloroethoxy)met...	9.828	93	254457	43.15	ng		99
29) 2,4-Dichlorophenol	10.069	162	203356	41.51	ng		96
30) 1,2,4-Trichlorobenzene	10.275	180	238941	40.96	ng		99
31) Naphthalene	10.451	128	646068	38.88	ng		100
32) Benzoic acid	9.775	122	102570	40.01	ng		85
33) 4-Chloroaniline	10.569	127	279726	40.28	ng		96
34) Hexachlorobutadiene	10.751	225	162899	46.53	ng		99
35) Caprolactam	11.340	113	68833	46.76	ng		95
36) 4-Chloro-3-methylphenol	11.722	107	219891	48.07	ng		91
37) 2-Methylnaphthalene	12.075	142	464786	39.10	ng		96
38) 1-Methylnaphthalene	12.298	142	439671	38.91	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	265436	42.00	ng		99
41) Hexachlorocyclopentadiene	12.440	237	67724	22.67	ng		98
43) 2,4,6-Trichlorophenol	12.704	196	173117	41.66	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.787	196	180152	40.99	ng		96
46) 1,1'-Biphenyl	13.098	154	599708	37.50	ng		99
47) 2-Chloronaphthalene	13.140	162	498725	38.10	ng		98
48) 2-Nitroaniline	13.351	65	130917	53.41	ng		82
49) Acenaphthylene	13.992	152	763195	38.55	ng		100
50) Dimethylphthalate	13.734	163	639947	39.36	ng		99
51) 2,6-Dinitrotoluene	13.851	165	139242	41.20	ng	#	84
52) Acenaphthene	14.339	154	460818	37.89	ng		98
53) 3-Nitroaniline	14.181	138	153990	40.22	ng	#	84
54) 2,4-Dinitrophenol	14.404	184	57216	37.91	ng	#	85
55) Dibenzofuran	14.675	168	731266	38.29	ng		97
56) 4-Nitrophenol	14.528	139	96966	35.20	ng		78
57) 2,4-Dinitrotoluene	14.651	165	198830	43.76	ng	#	86
58) Fluorene	15.328	166	573977	39.01	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.916	232	167797	42.20	ng		98
60) Diethylphthalate	15.110	149	653513	40.97	ng		100
61) 4-Chlorophenyl-phenyle...	15.322	204	310618	40.88	ng		97
62) 4-Nitroaniline	15.351	138	167211	42.49	ng	#	78
63) Azobenzene	15.616	77	502855	47.50	ng		93
65) 4,6-Dinitro-2-methylph...	15.422	198	100499	43.97	ng		98
66) n-Nitrosodiphenylamine	15.539	169	527329	37.74	ng		100
67) 4-Bromophenyl-phenylether	16.222	248	218258	41.38	ng		97
68) Hexachlorobenzene	16.345	284	257079	40.94	ng		98
69) Atrazine	16.504	200	209020	44.35	ng		99
70) Pentachlorophenol	16.692	266	97608	32.51	ng		100
71) Phenanthrene	17.069	178	978503	37.79	ng		99
72) Anthracene	17.163	178	974168	39.31	ng		100
73) Carbazole	17.433	167	925260	38.90	ng		99
74) Di-n-butylphthalate	18.004	149	1170055	41.85	ng		99
75) Fluoranthene	19.051	202	1237952	41.36	ng		99
77) Benzidine	19.233	184	663118	53.89	ng		99
78) Pyrene	19.404	202	1273329	36.44	ng		99
80) Butylbenzylphthalate	20.280	149	583059	40.53	ng		90
81) Benzo(a)anthracene	21.110	228	1313920	38.96	ng		100
82) 3,3'-Dichlorobenzidine	21.045	252	513259	41.38	ng		99
83) Chrysene	21.163	228	1248839	38.68	ng		100
84) Bis(2-ethylhexyl)phtha...	21.051	149	795308	38.28	ng		99
85) Di-n-octyl phthalate	21.916	149	1499641	42.10	ng		99
87) Indeno(1,2,3-cd)pyrene	25.615	276	1706127	38.57	ng		97
88) Benzo(b)fluoranthene	22.680	252	1420875	38.54	ng		99
89) Benzo(k)fluoranthene	22.727	252	1372711	38.97	ng		98
90) Benzo(a)pyrene	23.251	252	1337628	39.11	ng		99
91) Dibenzo(a,h)anthracene	25.627	278	1407799	38.74	ng		97
92) Benzo(g,h,i)perylene	26.309	276	1396148	38.28	ng		96

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

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