Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101420\
Data File : BP003610.D
Acq On : 14 Oct 2020 14:14
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC050

Quant Time: Oct 14 15:44:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 14:53:26 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.546	152	86816	20.00	ng		0.00
21) Naphthalene-d8	11.393	136	309597	20.00	ng		# 0.00
39) Acenaphthene-d10	15.145	164	208098	20.00	ng		0.00
64) Phenanthrene-d10	17.863	188	467878	20.00	ng		0.00
76) Chrysene-d12	21.880	240	478862	20.00	ng		# 0.00
86) Perylene-d12	24.463	264	471108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.028	112	492720	99.10	ng		0.00
7) Phenol-d6	7.681	99	721299	108.84	ng		0.00
23) Nitrobenzene-d5	9.710	82	694284	131.75	ng		0.00
42) 2,4,6-Tribromophenol	16.616	330	286612	90.30	ng		0.00
45) 2-Fluorobiphenyl	13.775	172	1554786	109.27	ng		0.00
79) Terphenyl-d14	20.333	244	2619268	113.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	102480	50.16	ng	#	85
3) Pyridine	4.134	79	307907	56.60	ng	#	86
4) n-Nitrosodimethylamine	4.028	42	131826	81.01	ng	#	59
6) Aniline	7.840	93	417217	54.82	ng	#	85
8) 2-Chlorophenol	8.105	128	253582	45.79	ng	#	80
9) Benzaldehyde	7.634	77	183885	49.76	ng	#	73
10) Phenol	7.710	94	344974	54.50	ng		77
11) bis(2-Chloroethyl)ether	7.922	93	271114	54.05	ng		89
12) 1,3-Dichlorobenzene	8.440	146	317680	47.98	ng	#	91
13) 1,4-Dichlorobenzene	8.581	146	319471	47.70	ng	#	92
14) 1,2-Dichlorobenzene	8.916	146	308280	47.96	ng	#	94
15) Benzyl Alcohol	8.769	79	288656	65.54	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	9.069	45	280076	76.79	ng		98
17) 2-Methylphenol	8.987	107	234030	51.13	ng	#	88
18) Hexachloroethane	9.669	117	125519	50.30	ng		98
19) n-Nitroso-di-n-propyla...	9.346	70	236161	66.52	ng	#	86
20) 3+4-Methylphenols	9.316	107	313942	51.54	ng		91
22) Acetophenone	9.363	105	445769	58.63	ng	#	87
24) Nitrobenzene	9.757	77	336617	63.84	ng	#	76
25) Isophorone	10.281	82	607926	62.94	ng	#	89
26) 2-Nitrophenol	10.481	139	112039	38.90	ng	#	62
27) 2,4-Dimethylphenol	10.534	122	204566	50.23	ng	#	84
28) bis(2-Chloroethoxy)met...	10.752	93	373785	58.15	ng		97
29) 2,4-Dichlorophenol	11.034	162	259989	51.09	ng		95
30) 1,2,4-Trichlorobenzene	11.257	180	331929	54.97	ng		99
31) Naphthalene	11.446	128	812678	49.69	ng		99
32) Benzoic acid	10.669	122	111095	45.03	ng	#	66
33) 4-Chloroaniline	11.522	127	352630	50.75	ng	#	85
34) Hexachlorobutadiene	11.751	225	243895	59.17	ng		99
35) Caprolactam	12.246	113	81770	48.14	ng	#	49
36) 4-Chloro-3-methylphenol	12.622	107	292423	53.29	ng	#	83
37) 2-Methylnaphthalene	13.010	142	600725	50.70	ng	#	95
38) 1-Methylnaphthalene	13.228	142	565972	50.31	ng		98
40) 1,2,4,5-Tetrachloroben...	13.381	216	391892	57.52	ng		98
41) Hexachlorocyclopentadiene	13.375	237	228477	136.34	ng		100
43) 2,4,6-Trichlorophenol	13.598	196	223456	50.73	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	233404	51.51	ng	#	94
46) 1,1'-Biphenyl	13.987	154	788525	50.81	ng		98
47) 2-Chloronaphthalene	14.034	162	657788	51.18	ng		97
48) 2-Nitroaniline	14.204	65	186400	57.31	ng	#	56
49) Acenaphthylene	14.875	152	960227	48.90	ng		100
50) Dimethylphthalate	14.569	163	836614	50.35	ng		99
51) 2,6-Dinitrotoluene	14.681	165	165914	46.58	ng	#	63
52) Acenaphthene	15.210	154	626212	52.40	ng		94
53) 3-Nitroaniline	15.010	138	167355	43.36	ng	#	65
54) 2,4-Dinitrophenol	15.210	184	66119	50.04	ng	#	1
55) Dibenzofuran	15.540	168	965134	50.60	ng		98
56) 4-Nitrophenol	15.310	139	119693	50.74	ng	#	43
57) 2,4-Dinitrotoluene	15.463	165	221355	44.81	ng	#	64
58) Fluorene	16.181	166	779444	51.74	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.763	232	219852	51.60	ng		93
60) Diethylphthalate	15.916	149	823714	48.60	ng		98
61) 4-Chlorophenyl-phenyle...	16.157	204	462687	56.26	ng		97
62) 4-Nitroaniline	16.169	138	183784	44.87	ng	#	61
63) Azobenzene	16.445	77	784392	60.71	ng		85
65) 4,6-Dinitro-2-methylph...	16.234	198	97124	39.34	ng		88
66) n-Nitrosodiphenylamine	16.363	169	682495	49.66	ng		99
67) 4-Bromophenyl-phenylether	17.045	248	299768	53.01	ng		98
68) Hexachlorobenzene	17.210	284	340769	50.72	ng		95
69) Atrazine	17.281	200	261335	48.48	ng		97
70) Pentachlorophenol	17.528	266	160703	66.12	ng		99
71) Phenanthrene	17.910	178	1262804	49.61	ng		99
72) Anthracene	17.992	178	1229543	49.01	ng		99
73) Carbazole	18.239	167	1102557	46.27	ng		99
74) Di-n-butylphthalate	18.745	149	1372544	45.05	ng	#	98
75) Fluoranthene	19.822	202	1560241	48.75	ng		98
77) Benzidine	19.957	184	542205	36.51	ng		99
78) Pyrene	20.169	202	1574151	52.71	ng		99
80) Butylbenzylphthalate	20.969	149	584885	42.81	ng	#	79
81) Benzo(a)anthracene	21.863	228	1576220	50.92	ng		99
82) 3,3'-Dichlorobenzidine	21.769	252	565779	47.29	ng	#	99
83) Chrysene	21.922	228	1484792	49.93	ng		98
84) Bis(2-ethylhexyl)phtha...	21.727	149	851573	44.27	ng		98
85) Di-n-octyl phthalate	22.692	149	1398733	39.80	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.168	276	1775365	49.72	ng	#	92
88) Benzo(b)fluoranthene	23.674	252	1614722	54.28	ng	#	97
89) Benzo(k)fluoranthene	23.721	252	1509307	52.94	ng	#	97
90) Benzo(a)pyrene	24.351	252	1454458	51.85	ng	#	97
91) Dibenzo(a,h)anthracene	27.168	278	1474471	50.04	ng	#	94
92) Benzo(g,h,i)perylene	28.004	276	1388017	47.18	ng	#	92

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

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