Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090222\
Data File : BP011611.D
Acq On : 02 Sep 2022 14:02
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Sep 02 14:39:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 14:35:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	587750	20.000	ng		0.00
21) Naphthalene-d8	10.793	136	2324669	20.000	ng	#	0.00
39) Acenaphthene-d10	14.616	164	1390438	20.000	ng		0.00
64) Phenanthrene-d10	17.369	188	2810877	20.000	ng		0.00
76) Chrysene-d12	21.451	240	2713685	20.000	ng		0.00
86) Perylene-d12	23.927	264	2701533	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2627599	73.316	ng		0.00
7) Phenol-d6	7.128	99	3495786	73.118	ng		0.00
23) Nitrobenzene-d5	9.140	82	3014923	60.638	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1274333	71.557	ng		0.00
45) 2-Fluorobiphenyl	13.246	172	7535836	81.517	ng		0.00
79) Terphenyl-d14	19.922	244	10642433	76.127	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	505263	28.428	ng	#	81
3) Pyridine	3.805	79	1457799	30.184	ng	#	78
4) n-Nitrosodimethylamine	3.717	42	590331	20.985	ng	#	54
6) Aniline	7.299	93	2022191	35.774	ng		89
8) 2-Chlorophenol	7.534	128	1495743	36.620	ng		89
9) Benzaldehyde	7.105	77	956602	32.556	ng		89
10) Phenol	7.152	94	1823524	36.417	ng		82
11) bis(2-Chloroethyl)ether	7.399	93	1420200	36.643	ng		90
12) 1,3-Dichlorobenzene	7.864	146	1688257	38.736	ng	#	92
13) 1,4-Dichlorobenzene	8.011	146	1714787	38.686	ng		96
14) 1,2-Dichlorobenzene	8.328	146	1636534	37.993	ng		95
15) Benzyl Alcohol	8.211	79	1187419	30.726	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.511	45	1830749	31.350	ng		92
17) 2-Methylphenol	8.411	107	1218298	34.904	ng	#	92
18) Hexachloroethane	9.063	117	582484	31.556	ng		97
19) n-Nitroso-di-n-propyla...	8.787	70	1051186	29.355	ng	#	83
20) 3+4-Methylphenols	8.746	107	1673210	34.202	ng		92
22) Acetophenone	8.805	105	2175876	34.386	ng	#	85
24) Nitrobenzene	9.181	77	1538518	30.790	ng	#	87
25) Isophorone	9.710	82	2766232	32.483	ng	#	93
26) 2-Nitrophenol	9.899	139	604552	30.465	ng	#	79
27) 2,4-Dimethylphenol	9.952	122	1183995	38.295	ng		89
28) bis(2-Chloroethoxy)met...	10.199	93	1673367	35.999	ng		98
29) 2,4-Dichlorophenol	10.428	162	1393152	40.368	ng		95
30) 1,2,4-Trichlorobenzene	10.652	180	1555646	42.577	ng		98
31) Naphthalene	10.840	128	4796684	37.388	ng		99
32) Benzoic acid	10.081	122	718569	25.656	ng		86
33) 4-Chloroaniline	10.946	127	1936218	36.313	ng	#	91
34) Hexachlorobutadiene	11.128	225	926580	39.797	ng		98
35) Caprolactam	11.722	113	404309	30.227	ng	#	69
36) 4-Chloro-3-methylphenol	12.063	107	1384816	30.539	ng		87
37) 2-Methylnaphthalene	12.446	142	3333693	37.399	ng		97
38) 1-Methylnaphthalene	12.663	142	3233905	36.761	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	1687846	47.403	ng		98
41) Hexachlorocyclopentadiene	12.793	237	832218	49.266	ng		100
43) 2,4,6-Trichlorophenol	13.046	196	1069178	41.926	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	1200878	41.500	ng		95
46) 1,1'-Biphenyl	13.451	154	4135985	39.751	ng		99
47) 2-Chloronaphthalene	13.493	162	3214911	40.489	ng		98
48) 2-Nitroaniline	13.693	65	807971	26.310	ng	#	77
49) Acenaphthylene	14.340	152	5032892	37.792	ng		99
50) Dimethylphthalate	14.075	163	3968058	34.796	ng		100
51) 2,6-Dinitrotoluene	14.187	165	810830	35.101	ng	#	80
52) Acenaphthene	14.681	154	3234650	39.988	ng		97
53) 3-Nitroaniline	14.516	138	906011	35.046	ng		85
54) 2,4-Dinitrophenol	14.716	184	276766	20.855	ng	#	83
55) Dibenzofuran	15.016	168	4814416	37.876	ng		96
56) 4-Nitrophenol	14.810	139	706481	33.578	ng	#	70
57) 2,4-Dinitrotoluene	14.969	165	1052797	31.721	ng	#	83
58) Fluorene	15.663	166	4020903	37.087	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.234	232	1026620	38.463	ng		97
60) Diethylphthalate	15.440	149	3925766	30.637	ng		99
61) 4-Chlorophenyl-phenyle...	15.663	204	1976694	40.500	ng		90
62) 4-Nitroaniline	15.681	138	945021	36.560	ng	#	77
63) Azobenzene	15.951	77	3500141	27.456	ng		89
65) 4,6-Dinitro-2-methylph...	15.734	198	425160	25.087	ng		85
66) n-Nitrosodiphenylamine	15.875	169	3342547	38.904	ng		98
67) 4-Bromophenyl-phenylether	16.557	248	1193553	42.231	ng		95
68) Hexachlorobenzene	16.669	284	1400350	42.658	ng		91
69) Atrazine	16.828	200	1030751	34.559	ng		99
70) Pentachlorophenol	17.010	266	776796	37.604	ng		99
71) Phenanthrene	17.410	178	6073069	37.268	ng		97
72) Anthracene	17.504	178	5870838	37.265	ng		98
73) Carbazole	17.769	167	5427145	35.878	ng		99
74) Di-n-butylphthalate	18.328	149	6435109	30.505	ng		98
75) Fluoranthene	19.375	202	6933697	36.167	ng		98
77) Benzidine	19.545	184	2242919	38.092	ng		98
78) Pyrene	19.722	202	7131403	40.193	ng		98
80) Butylbenzylphthalate	20.598	149	2717449	29.747	ng		90
81) Benzo(a)anthracene	21.433	228	7018448	38.207	ng		96
82) 3,3'-Dichlorobenzidine	21.363	252	2473502	39.980	ng		99
83) Chrysene	21.486	228	6615496	37.426	ng		97
84) Bis(2-ethylhexyl)phtha...	21.363	149	4207575	30.429	ng		99
85) Di-n-octyl phthalate	22.322	149	6732199	28.950	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.527	276	8253910	43.282	ng		98
88) Benzo(b)fluoranthene	23.169	252	6650769	39.215	ng		99
89) Benzo(k)fluoranthene	23.222	252	6987528	39.543	ng		98
90) Benzo(a)pyrene	23.816	252	5621707	39.482	ng		97
91) Dibenzo(a,h)anthracene	26.551	278	6928783	42.867	ng		98
92) Benzo(g,h,i)perylene	27.327	276	6529225	44.922	ng		98

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

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