Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091422\
Data File : BP011696.D
Acq On : 14 Sep 2022 15:34
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Sep 14 17:30:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 17:28:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	396725	20.000	ng		0.00
21) Naphthalene-d8	10.757	136	1623750	20.000	ng		# 0.00
39) Acenaphthene-d10	14.581	164	926303	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1787178	20.000	ng		# 0.00
76) Chrysene-d12	21.415	240	1583480	20.000	ng		# 0.00
86) Perylene-d12	23.868	264	1505749	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	426978	19.394	ng		0.00
7) Phenol-d6	7.099	99	555367	19.322	ng		0.00
23) Nitrobenzene-d5	9.104	82	511365	19.340	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	120027	14.971	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	1203193	20.119	ng		0.00
79) Terphenyl-d14	19.886	244	1492351	20.680	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	98325	10.315	ng	#	82
3) Pyridine	3.793	79	258969	9.552	ng	#	78
4) n-Nitrosodimethylamine	3.699	42	105376	10.845	ng	#	44
6) Aniline	7.263	93	338971	9.677	ng		90
8) 2-Chlorophenol	7.504	128	250759	9.802	ng		93
9) Benzaldehyde	7.081	77	199424	11.011	ng		91
10) Phenol	7.122	94	316169	9.878	ng		82
11) bis(2-Chloroethyl)ether	7.363	93	255674	10.264	ng		91
12) 1,3-Dichlorobenzene	7.834	146	287817	10.078	ng	#	93
13) 1,4-Dichlorobenzene	7.975	146	292108	10.038	ng		97
14) 1,2-Dichlorobenzene	8.299	146	277557	10.055	ng		97
15) Benzyl Alcohol	8.181	79	191993	9.519	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.475	45	353519	11.632	ng		93
17) 2-Methylphenol	8.381	107	200702	9.683	ng		92
18) Hexachloroethane	9.028	117	96618	10.012	ng		92
19) n-Nitroso-di-n-propyla...	8.751	70	176357	10.083	ng	#	84
20) 3+4-Methylphenols	8.710	107	273532	9.641	ng		93
22) Acetophenone	8.769	105	366941	9.729	ng	#	89
24) Nitrobenzene	9.151	77	269772	9.797	ng		91
25) Isophorone	9.681	82	431831	9.418	ng		96
26) 2-Nitrophenol	9.863	139	92639	7.995	ng	#	85
27) 2,4-Dimethylphenol	9.922	122	184997	9.156	ng		88
28) bis(2-Chloroethoxy)met...	10.163	93	297964	9.996	ng		99
29) 2,4-Dichlorophenol	10.398	162	201203	8.913	ng		95
30) 1,2,4-Trichlorobenzene	10.616	180	239035	9.383	ng		97
31) Naphthalene	10.804	128	822864	9.759	ng		99
32) Benzoic acid	9.993	122	93878	6.272	ng		89
33) 4-Chloroaniline	10.916	127	305234	9.118	ng	#	92
34) Hexachlorobutadiene	11.092	225	130409	9.168	ng		99
35) Caprolactam	11.687	113	52813	7.383	ng	#	79
36) 4-Chloro-3-methylphenol	12.028	107	213446	9.031	ng		92
37) 2-Methylnaphthalene	12.410	142	537136	9.571	ng		95
38) 1-Methylnaphthalene	12.634	142	532434	9.703	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	234844	9.341	ng		98
41) Hexachlorocyclopentadiene	12.757	237	107393	8.842	ng		99
43) 2,4,6-Trichlorophenol	13.016	196	146670	8.770	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.081	196	166728	8.875	ng		98
46)	1,1'-Biphenyl	13.416	154	659893	9.846	ng		99
47)	2-Chloronaphthalene	13.457	162	519296	9.851	ng		99
48)	2-Nitroaniline	13.663	65	122718	8.809	ng		85
49)	Acenaphthylene	14.304	152	772976	9.517	ng		100
50)	Dimethylphthalate	14.039	163	618654	9.616	ng		99
51)	2,6-Dinitrotoluene	14.157	165	114593	8.837	ng		92
52)	Acenaphthene	14.645	154	517506	9.530	ng		95
53)	3-Nitroaniline	14.486	138	125726	8.343	ng		90
54)	2,4-Dinitrophenol	14.686	184	42763	6.823	ng		91
55)	Dibenzofuran	14.981	168	767958	9.675	ng		97
56)	4-Nitrophenol	14.781	139	95435	7.402	ng	#	77
57)	2,4-Dinitrotoluene	14.939	165	134993	8.039	ng		95
58)	Fluorene	15.633	166	621763	9.682	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.204	232	137896	8.717	ng		95
60)	Diethylphthalate	15.404	149	600071	9.522	ng		99
61)	4-Chlorophenyl-phenyle...	15.628	204	285607	9.533	ng		99
62)	4-Nitroaniline	15.645	138	120851	7.748	ng	#	80
63)	Azobenzene	15.922	77	570361	9.894	ng		90
65)	4,6-Dinitro-2-methylph...	15.704	198	60953	7.536	ng		87
66)	n-Nitrosodiphenylamine	15.839	169	510196	9.768	ng		98
67)	4-Bromophenyl-phenylether	16.522	248	154802	9.154	ng		95
68)	Hexachlorobenzene	16.633	284	167416	8.810	ng	#	93
69)	Atrazine	16.792	200	143271	8.878	ng		96
70)	Pentachlorophenol	16.980	266	87475	7.809	ng		98
71)	Phenanthrene	17.380	178	952104	9.817	ng		99
72)	Anthracene	17.469	178	871395	9.519	ng		98
73)	Carbazole	17.739	167	811569	9.345	ng		99
74)	Di-n-butylphthalate	18.292	149	924898	9.547	ng		98
75)	Fluoranthene	19.339	202	990024	9.303	ng		95
77)	Benzidine	19.521	184	282622	7.608	ng		99
78)	Pyrene	19.692	202	1046142	10.169	ng		99
80)	Butylbenzylphthalate	20.563	149	370995	9.176	ng		97
81)	Benzo(a)anthracene	21.398	228	993854	9.875	ng		99
82)	3,3'-Dichlorobenzidine	21.333	252	273163	8.683	ng	#	98
83)	Chrysene	21.451	228	960841	9.908	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.327	149	542543	9.528	ng	#	99
85)	Di-n-octyl phthalate	22.268	149	856113	9.018	ng		95
87)	Indeno(1,2,3-cd)pyrene	26.439	276	994338	9.079	ng	#	90
88)	Benzo(b)fluoranthene	23.121	252	898792	9.673	ng	#	97
89)	Benzo(k)fluoranthene	23.168	252	878439	9.476	ng	#	97
90)	Benzo(a)pyrene	23.757	252	700266	9.164	ng	#	96
91)	Dibenzo(a,h)anthracene	26.456	278	833611	9.162	ng	#	94
92)	Benzo(g,h,i)perylene	27.221	276	808224	9.041	ng	#	92

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

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