Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091422\
Data File : BP011700.D
Acq On : 14 Sep 2022 17:53
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 18:22:47 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

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	474263	20.000	ng		0.00
21) Naphthalene-d8	10.757	136	1885168	20.000	ng	#	0.00
39) Acenaphthene-d10	14.581	164	1089261	20.000	ng		0.00
64) Phenanthrene-d10	17.334	188	2117432	20.000	ng	#	0.00
76) Chrysene-d12	21.416	240	1946529	20.000	ng	#	0.00
86) Perylene-d12	23.868	264	1920563	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	3210927	121.999	ng		0.00
7) Phenol-d6	7.105	99	4320221	125.734	ng		0.00
23) Nitrobenzene-d5	9.110	82	3994695	130.128	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	1154486	122.453	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	8282562	117.777	ng		0.00
79) Terphenyl-d14	19.886	244	10416102	117.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	677042	59.414	ng	#	81
3) Pyridine	3.787	79	2048176m	63.193	ng		
4) n-Nitrosodimethylamine	3.693	42	762401	65.637	ng	#	41
6) Aniline	7.269	93	2681735	64.041	ng		90
8) 2-Chlorophenol	7.505	128	1908576	62.408	ng		92
9) Benzaldehyde	7.081	77	1259604	58.177	ng		89
10) Phenol	7.128	94	2424680	63.366	ng		82
11) bis(2-Chloroethyl)ether	7.369	93	1883516	63.252	ng		90
12) 1,3-Dichlorobenzene	7.828	146	2054012	60.163	ng	#	92
13) 1,4-Dichlorobenzene	7.981	146	2087956	60.022	ng		97
14) 1,2-Dichlorobenzene	8.299	146	1988196	60.248	ng		97
15) Benzyl Alcohol	8.187	79	1574898	65.319	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.475	45	2440903	67.186	ng		92
17) 2-Methylphenol	8.387	107	1585396	63.982	ng	#	91
18) Hexachloroethane	9.028	117	744271	64.513	ng		95
19) n-Nitroso-di-n-propyla...	8.763	70	1403113	67.107	ng	#	80
20) 3+4-Methylphenols	8.716	107	2193869	64.681	ng		93
22) Acetophenone	8.775	105	2712833	61.954	ng	#	86
24) Nitrobenzene	9.152	77	2060598	64.453	ng	#	89
25) Isophorone	9.687	82	3649520	68.554	ng		94
26) 2-Nitrophenol	9.863	139	950313	70.639	ng	#	81
27) 2,4-Dimethylphenol	9.922	122	1512061	64.459	ng		91
28) bis(2-Chloroethoxy)met...	10.163	93	2213851	63.968	ng		98
29) 2,4-Dichlorophenol	10.399	162	1690854	64.515	ng		96
30) 1,2,4-Trichlorobenzene	10.616	180	1788682	60.478	ng		98
31) Naphthalene	10.804	128	5965319	60.937	ng		99
32) Benzoic acid	10.081	122	1249160	71.885	ng		87
33) 4-Chloroaniline	10.916	127	2436508	62.688	ng	#	92
34) Hexachlorobutadiene	11.093	225	993058	60.131	ng		100
35) Caprolactam	11.728	113	565900	68.142	ng	#	67
36) 4-Chloro-3-methylphenol	12.034	107	1826751	66.576	ng		93
37) 2-Methylnaphthalene	12.410	142	4053433	62.209	ng		97
38) 1-Methylnaphthalene	12.628	142	3936727	61.795	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	1789558	60.534	ng		98
41) Hexachlorocyclopentadiene	12.757	237	953473	66.758	ng		100
43) 2,4,6-Trichlorophenol	13.016	196	1288812	65.531	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.087	196	1432087	64.827	ng		98
46)	1,1'-Biphenyl	13.422	154	4830635	61.295	ng		100
47)	2-Chloronaphthalene	13.463	162	3805036	61.384	ng		99
48)	2-Nitroaniline	13.663	65	1192795	72.815	ng	#	84
49)	Acenaphthylene	14.304	152	6072080	63.576	ng		98
50)	Dimethylphthalate	14.045	163	4702081	62.153	ng		100
51)	2,6-Dinitrotoluene	14.157	165	1024703	67.197	ng	#	86
52)	Acenaphthene	14.651	154	3994413m	62.554	ng		
53)	3-Nitroaniline	14.492	138	1214185	68.518	ng		90
54)	2,4-Dinitrophenol	14.692	184	527111	71.517	ng	#	82
55)	Dibenzofuran	14.981	168	5615210	60.157	ng		99
56)	4-Nitrophenol	14.787	139	992361	65.453	ng	#	73
57)	2,4-Dinitrotoluene	14.945	165	1401876	70.998	ng	#	82
58)	Fluorene	15.634	166	4543682	60.171	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.204	232	1178755	63.366	ng		96
60)	Diethylphthalate	15.410	149	4739565	63.958	ng		100
61)	4-Chlorophenyl-phenyle...	15.628	204	2109824	59.885	ng		96
62)	4-Nitroaniline	15.657	138	1244107	67.825	ng	#	77
63)	Azobenzene	15.922	77	4595428	67.788	ng		88
65)	4,6-Dinitro-2-methylph...	15.710	198	722643	75.411	ng		86
66)	n-Nitrosodiphenylamine	15.839	169	3925356	63.431	ng		97
67)	4-Bromophenyl-phenylether	16.522	248	1277715	63.769	ng		99
68)	Hexachlorobenzene	16.639	284	1366851	60.711	ng		99
69)	Atrazine	16.798	200	1267451	66.287	ng		97
70)	Pentachlorophenol	16.981	266	904188	68.126	ng		99
71)	Phenanthrene	17.381	178	7006046	60.968	ng		97
72)	Anthracene	17.469	178	6816744	62.853	ng		97
73)	Carbazole	17.739	167	6464337	62.827	ng		98
74)	Di-n-butylphthalate	18.286	149	7956322	69.314	ng		98
75)	Fluoranthene	19.339	202	7709519	61.148	ng		94
77)	Benzidine	19.516	184	2964250	64.915	ng		98
78)	Pyrene	19.692	202	7976678	63.076	ng		97
80)	Butylbenzylphthalate	20.563	149	3691098	74.268	ng		92
81)	Benzo(a)anthracene	21.398	228	7650355	61.840	ng		95
82)	3,3'-Dichlorobenzidine	21.333	252	2499840	64.639	ng	#	98
83)	Chrysene	21.457	228	7201546	60.413	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.322	149	5218650	74.553	ng		99
85)	Di-n-octyl phthalate	22.263	149	8917432	76.412	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	26.445	276	8811442	63.076	ng	#	91
88)	Benzo(b)fluoranthene	23.121	252	7444070	62.810	ng	#	97
89)	Benzo(k)fluoranthene	23.174	252	7398893	62.576	ng	#	96
90)	Benzo(a)pyrene	23.763	252	6301110	64.651	ng	#	96
91)	Dibenzo(a,h)anthracene	26.468	278	7295700	62.870	ng	#	95
92)	Benzo(g,h,i)perylene	27.233	276	7159145	62.789	ng	#	91

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

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