Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011706.D
Acq On : 15 Sep 2022 10:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 15:52:09 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 19:12:50 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	424554	20.000	ng		0.00
21) Naphthalene-d8	10.751	136	1673993	20.000	ng		# 0.00
39) Acenaphthene-d10	14.581	164	938679	20.000	ng		0.00
64) Phenanthrene-d10	17.333	188	1811909	20.000	ng		# 0.00
76) Chrysene-d12	21.416	240	1696714	20.000	ng		# 0.00
86) Perylene-d12	23.868	264	1647768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1912852	82.010	ng		0.00
7) Phenol-d6	7.099	99	2525845	81.238	ng		0.00
23) Nitrobenzene-d5	9.104	82	2297713	81.405	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	582151	79.374	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	4857998	80.448	ng		0.00
79) Terphenyl-d14	19.886	244	6266888	80.319	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	417667	40.661	ng	#	82
3) Pyridine	3.787	79	1220727	41.222	ng	#	78
4) n-Nitrosodimethylamine	3.693	42	456557	40.216	ng	#	44
6) Aniline	7.263	93	1532376	40.010	ng		90
8) 2-Chlorophenol	7.499	128	1110181	40.141	ng		93
9) Benzaldehyde	7.075	77	787585	39.574	ng		92
10) Phenol	7.122	94	1403761	40.141	ng		83
11) bis(2-Chloroethyl)ether	7.363	93	1106362	39.714	ng		92
12) 1,3-Dichlorobenzene	7.828	146	1217520m	39.696	ng		
13) 1,4-Dichlorobenzene	7.975	146	1233461	39.544	ng		98
14) 1,2-Dichlorobenzene	8.293	146	1173498	39.465	ng		98
15) Benzyl Alcohol	8.181	79	885255	39.883	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1495753	40.197	ng		93
17) 2-Methylphenol	8.381	107	905647	39.886	ng	#	91
18) Hexachloroethane	9.028	117	432910	40.126	ng		94
19) n-Nitroso-di-n-propyla...	8.757	70	795102	39.497	ng	#	82
20) 3+4-Methylphenols	8.710	107	1236790	39.662	ng		92
22) Acetophenone	8.769	105	1565823	39.901	ng	#	87
24) Nitrobenzene	9.152	77	1184263	40.326	ng	#	88
25) Isophorone	9.681	82	1997425	40.004	ng		95
26) 2-Nitrophenol	9.863	139	476700	36.273	ng	#	83
27) 2,4-Dimethylphenol	9.922	122	847746	40.610	ng		87
28) bis(2-Chloroethoxy)met...	10.163	93	1265669	39.640	ng		98
29) 2,4-Dichlorophenol	10.393	162	933447	40.366	ng		97
30) 1,2,4-Trichlorobenzene	10.610	180	1008668	39.399	ng		98
31) Naphthalene	10.804	128	3446920	39.679	ng		100
32) Benzoic acid	10.046	122	562940	34.297	ng		88
33) 4-Chloroaniline	10.910	127	1354942	39.755	ng		93
34) Hexachlorobutadiene	11.093	225	558161	39.577	ng		97
35) Caprolactam	11.704	113	279190	37.260	ng	#	74
36) 4-Chloro-3-methylphenol	12.028	107	995758	40.039	ng		93
37) 2-Methylnaphthalene	12.410	142	2281463	39.244	ng		97
38) 1-Methylnaphthalene	12.628	142	2223044	39.111	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	980855	39.592	ng		97
41) Hexachlorocyclopentadiene	12.757	237	500946	40.510	ng		100
43) 2,4,6-Trichlorophenol	13.010	196	689849	40.936	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.081	196	760060	40.339	ng		97
46)	1,1'-Biphenyl	13.416	154	2731389	39.999	ng		99
47)	2-Chloronaphthalene	13.457	162	2146212	39.946	ng		100
48)	2-Nitroaniline	13.657	65	630541	41.848	ng		86
49)	Acenaphthylene	14.304	152	3385801	40.727	ng		100
50)	Dimethylphthalate	14.039	163	2587476	39.512	ng		100
51)	2,6-Dinitrotoluene	14.157	165	540464	40.700	ng	#	87
52)	Acenaphthene	14.645	154	2194136m	39.677	ng		
53)	3-Nitroaniline	14.487	138	634013	38.188	ng		89
54)	2,4-Dinitrophenol	14.687	184	241277	35.445	ng		86
55)	Dibenzofuran	14.981	168	3167951	39.782	ng		97
56)	4-Nitrophenol	14.781	139	515741	39.971	ng	#	73
57)	2,4-Dinitrotoluene	14.939	165	707509	37.385	ng	#	90
58)	Fluorene	15.628	166	2606437	40.354	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.204	232	608627	39.319	ng		93
60)	Diethylphthalate	15.404	149	2627427	40.301	ng		99
61)	4-Chlorophenyl-phenyle...	15.622	204	1190895	39.886	ng		98
62)	4-Nitroaniline	15.645	138	654041	38.561	ng	#	79
63)	Azobenzene	15.916	77	2602213	41.534	ng		90
65)	4,6-Dinitro-2-methylph...	15.704	198	337346	36.176	ng		87
66)	n-Nitrosodiphenylamine	15.839	169	2181166	40.459	ng		97
67)	4-Bromophenyl-phenylether	16.522	248	672444	39.645	ng		97
68)	Hexachlorobenzene	16.633	284	728358	39.872	ng		95
69)	Atrazine	16.792	200	664691	40.391	ng		96
70)	Pentachlorophenol	16.980	266	460022	39.695	ng		98
71)	Phenanthrene	17.375	178	3950004	40.065	ng		98
72)	Anthracene	17.469	178	3816172	40.926	ng		99
73)	Carbazole	17.739	167	3586556	40.771	ng		99
74)	Di-n-butylphthalate	18.286	149	4399138	41.490	ng		99
75)	Fluoranthene	19.339	202	4285537	40.304	ng		95
77)	Benzidine	19.516	184	1864835	46.216	ng		99
78)	Pyrene	19.692	202	4521438	39.510	ng		98
80)	Butylbenzylphthalate	20.563	149	1952958	40.725	ng		93
81)	Benzo(a)anthracene	21.398	228	4355178	39.824	ng		97
82)	3,3'-Dichlorobenzidine	21.333	252	1382861	41.633	ng		99
83)	Chrysene	21.451	228	4170658	39.915	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.321	149	2861815	41.483	ng	#	99
85)	Di-n-octyl phthalate	22.263	149	4785143	40.421	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	26.439	276	4970429	41.870	ng	#	91
88)	Benzo(b)fluoranthene	23.115	252	4178802	41.004	ng	#	97
89)	Benzo(k)fluoranthene	23.168	252	4106742	39.989	ng	#	96
90)	Benzo(a)pyrene	23.757	252	3432505	40.771	ng	#	96
91)	Dibenzo(a,h)anthracene	26.462	278	4135668	41.955	ng	#	94
92)	Benzo(g,h,i)perylene	27.227	276	3977849	41.392	ng	#	91

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

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