Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011738.D
Acq On : 19 Sep 2022 16:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 20 04:44:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	435468	20.000	ng		0.00
21) Naphthalene-d8	10.746	136	1660748	20.000	ng	#	0.00
39) Acenaphthene-d10	14.575	164	955214	20.000	ng		0.00
64) Phenanthrene-d10	17.328	188	1884549	20.000	ng		0.00
76) Chrysene-d12	21.404	240	1922230	20.000	ng		0.00
86) Perylene-d12	23.857	264	1947700	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1932165	80.762	ng		0.00
7) Phenol-d6	7.093	99	2524263	79.153	ng		0.00
23) Nitrobenzene-d5	9.099	82	2292062	81.852	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	787945	105.574	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	5294666	86.161	ng		0.00
79) Terphenyl-d14	19.874	244	7432428	84.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	414673	39.358	ng	#	82
3) Pyridine	3.781	79	1189354	39.156	ng	#	79
4) n-Nitrosodimethylamine	3.687	42	464143	39.860	ng	#	52
6) Aniline	7.257	93	1535070	39.075	ng		90
8) 2-Chlorophenol	7.499	128	1133874	39.970	ng		90
9) Benzaldehyde	7.075	77	758325	37.149	ng		89
10) Phenol	7.122	94	1405227	39.176	ng		81
11) bis(2-Chloroethyl)ether	7.357	93	1099369	38.474	ng		92
12) 1,3-Dichlorobenzene	7.822	146	1270993	40.401	ng	#	92
13) 1,4-Dichlorobenzene	7.969	146	1286922	40.224	ng		97
14) 1,2-Dichlorobenzene	8.287	146	1227678	40.253	ng		95
15) Benzyl Alcohol	8.175	79	878625	38.593	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1484450	38.894	ng		93
17) 2-Methylphenol	8.375	107	916667	39.360	ng	#	91
18) Hexachloroethane	9.022	117	445382	40.248	ng		97
19) n-Nitroso-di-n-propyla...	8.751	70	781448	37.845	ng	#	84
20) 3+4-Methylphenols	8.704	107	1240335	38.779	ng		92
22) Acetophenone	8.763	105	1590266	40.847	ng	#	87
24) Nitrobenzene	9.146	77	1190841	40.873	ng	#	89
25) Isophorone	9.675	82	1977094	39.912	ng	#	94
26) 2-Nitrophenol	9.857	139	475336	36.440	ng	#	81
27) 2,4-Dimethylphenol	9.916	122	854743	41.272	ng		88
28) bis(2-Chloroethoxy)met...	10.157	93	1265437	39.949	ng		98
29) 2,4-Dichlorophenol	10.387	162	989187	43.117	ng		97
30) 1,2,4-Trichlorobenzene	10.610	180	1105547	43.527	ng		98
31) Naphthalene	10.798	128	3551659	41.211	ng		100
32) Benzoic acid	10.034	122	556866	34.216	ng		85
33) 4-Chloroaniline	10.904	127	1398560	41.362	ng	#	91
34) Hexachlorobutadiene	11.081	225	634619	45.357	ng		98
35) Caprolactam	11.698	113	284395	38.258	ng	#	72
36) 4-Chloro-3-methylphenol	12.022	107	991346	40.180	ng		90
37) 2-Methylnaphthalene	12.404	142	2372202	41.130	ng		96
38) 1-Methylnaphthalene	12.622	142	2321721	41.173	ng		98
40) 1,2,4,5-Tetrachloroben...	12.769	216	1103473	43.770	ng		99
41) Hexachlorocyclopentadiene	12.751	237	569418	45.250	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	745652	43.481	ng		97

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44)	2,4,5-Trichlorophenol	13.075	196	837271	43.668	ng		97
46)	1,1'-Biphenyl	13.410	154	2874276	41.363	ng		99
47)	2-Chloronaphthalene	13.451	162	2271092	41.539	ng		98
48)	2-Nitroaniline	13.651	65	621681	40.546	ng	#	85
49)	Acenaphthylene	14.298	152	3546353	41.920	ng		99
50)	Dimethylphthalate	14.034	163	2742307	41.152	ng		99
51)	2,6-Dinitrotoluene	14.151	165	568034	42.035	ng	#	83
52)	Acenaphthene	14.639	154	2317795m	41.188	ng		
53)	3-Nitroaniline	14.481	138	653070	38.626	ng		87
54)	2,4-Dinitrophenol	14.681	184	244756	35.355	ng	#	82
55)	Dibenzofuran	14.975	168	3387785	41.806	ng		96
56)	4-Nitrophenol	14.775	139	522253	39.775	ng	#	74
57)	2,4-Dinitrotoluene	14.934	165	741569	38.416	ng	#	85
58)	Fluorene	15.622	166	2816459	42.850	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.198	232	704686	44.737	ng		99
60)	Diethylphthalate	15.398	149	2717191	40.956	ng		100
61)	4-Chlorophenyl-phenyle...	15.616	204	1327032	43.677	ng		94
62)	4-Nitroaniline	15.639	138	677659	39.212	ng	#	79
63)	Azobenzene	15.910	77	2576204	40.407	ng		90
65)	4,6-Dinitro-2-methylph...	15.698	198	352856	36.347	ng		84
66)	n-Nitrosodiphenylamine	15.833	169	2319468	41.366	ng		97
67)	4-Bromophenyl-phenylether	16.516	248	780906	44.265	ng		96
68)	Hexachlorobenzene	16.628	284	891930	46.944	ng		95
69)	Atrazine	16.786	200	737447	43.085	ng		99
70)	Pentachlorophenol	16.975	266	538275	44.658	ng		99
71)	Phenanthrene	17.369	178	4296140	41.896	ng		98
72)	Anthracene	17.463	178	4105268	42.329	ng		98
73)	Carbazole	17.727	167	3850650	42.086	ng		100
74)	Di-n-butylphthalate	18.280	149	4506653	40.866	ng	#	99
75)	Fluoranthene	19.327	202	4869270	44.028	ng		95
77)	Benzidine	19.510	184	1601956	35.043	ng		98
78)	Pyrene	19.680	202	5066359	39.078	ng		98
80)	Butylbenzylphthalate	20.551	149	2014722	37.084	ng		92
81)	Benzo(a)anthracene	21.392	228	5123350	41.352	ng		97
82)	3,3'-Dichlorobenzidine	21.321	252	1662379	44.177	ng		98
83)	Chrysene	21.445	228	4895547	41.355	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.310	149	3024198	38.694	ng	#	99
85)	Di-n-octyl phthalate	22.251	149	4964668	37.017	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	26.415	276	6260644	44.617	ng	#	95
88)	Benzo(b)fluoranthene	23.110	252	5164247	42.871	ng		98
89)	Benzo(k)fluoranthene	23.157	252	4982757	41.047	ng		97
90)	Benzo(a)pyrene	23.745	252	4191015	42.115	ng		97
91)	Dibenzo(a,h)anthracene	26.433	278	5254906	45.100	ng	#	97
92)	Benzo(g,h,i)perylene	27.203	276	5009754	44.102	ng		95

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

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