Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
Data File : BP011578.D
Acq On : 26 Aug 2022 13:59
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 26 14:33:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 13:57:47 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	111722	20.000	ng		0.00
21) Naphthalene-d8	10.334	136	468106	20.000	ng		0.00
39) Acenaphthene-d10	14.222	164	315033	20.000	ng		0.00
64) Phenanthrene-d10	16.992	188	694453	20.000	ng		0.00
76) Chrysene-d12	21.127	240	758965	20.000	ng		0.00
86) Perylene-d12	23.409	264	762642	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.146	112	790442	112.125	ng		0.00
7) Phenol-d6	6.740	99	1069646	118.606	ng		0.00
23) Nitrobenzene-d5	8.716	82	1198401	140.147	ng		0.00
42) 2,4,6-Tribromophenol	15.733	330	579062	174.828	ng		0.00
45) 2-Fluorobiphenyl	12.839	172	2573653	126.251	ng		0.00
79) Terphenyl-d14	19.598	244	4985040	139.150	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	179529	57.146	ng		89
3) Pyridine	3.487	79	514925m	61.532	ng		
4) n-Nitrosodimethylamine	3.404	42	286890	79.765	ng		94
6) Aniline	6.893	93	628072	61.641	ng		96
8) 2-Chlorophenol	7.116	128	457611	61.356	ng		93
9) Benzaldehyde	6.704	77	279550	58.099	ng		96
10) Phenol	6.769	94	556578	60.334	ng		99
11) bis(2-Chloroethyl)ether	6.993	93	421443	57.726	ng		95
12) 1,3-Dichlorobenzene	7.434	146	480337	58.694	ng		100
13) 1,4-Dichlorobenzene	7.581	146	492015	59.170	ng		99
14) 1,2-Dichlorobenzene	7.892	146	475214	60.956	ng		98
15) Benzyl Alcohol	7.804	79	446736	72.880	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.092	45	608357	60.299	ng		92
17) 2-Methylphenol	8.004	107	391836	64.486	ng		99
18) Hexachloroethane	8.610	117	206926	68.822	ng		92
19) n-Nitroso-di-n-propyla...	8.375	70	397377	74.807	ng		94
20) 3+4-Methylphenols	8.340	107	559755	66.930	ng		99
22) Acetophenone	8.381	105	763576	66.591	ng	#	96
24) Nitrobenzene	8.757	77	598850	69.146	ng		97
25) Isophorone	9.287	82	1034827	69.789	ng		97
26) 2-Nitrophenol	9.463	139	262870	67.124	ng		94
27) 2,4-Dimethylphenol	9.534	122	384019	63.324	ng		100
28) bis(2-Chloroethoxy)met...	9.775	93	556001	62.081	ng		97
29) 2,4-Dichlorophenol	9.992	162	439581	66.648	ng		98
30) 1,2,4-Trichlorobenzene	10.198	180	453262	63.428	ng		97
31) Naphthalene	10.386	128	1552168	62.395	ng		99
32) Benzoic acid	9.739	122	378189	77.277	ng		98
33) 4-Chloroaniline	10.516	127	665739	71.556	ng		97
34) Hexachlorobutadiene	10.663	225	299397	74.609	ng		96
35) Caprolactam	11.357	113	169369	74.698	ng	#	79
36) 4-Chloro-3-methylphenol	11.657	107	563349	76.121	ng		100
37) 2-Methylnaphthalene	12.010	142	1099179	67.265	ng		96
38) 1-Methylnaphthalene	12.233	142	1088017m	68.740	ng		
40) 1,2,4,5-Tetrachloroben...	12.386	216	511821	61.356	ng	#	96
41) Hexachlorocyclopentadiene	12.357	237	266759	58.208	ng		99
43) 2,4,6-Trichlorophenol	12.639	196	372787	63.311	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.716	196	422589	65.739	ng	#	93
46) 1,1'-Biphenyl	13.045	154	1431566	60.616	ng		99
47) 2-Chloronaphthalene	13.086	162	1098867	61.049	ng		95
48) 2-Nitroaniline	13.310	65	438200	75.037	ng		99
49) Acenaphthylene	13.939	152	1852376	63.227	ng		99
50) Dimethylphthalate	13.704	163	1562586	69.480	ng		99
51) 2,6-Dinitrotoluene	13.822	165	330371	70.478	ng	#	86
52) Acenaphthene	14.286	154	1112058	62.869	ng		96
53) 3-Nitroaniline	14.157	138	378971	75.431	ng		97
54) 2,4-Dinitrophenol	14.363	184	213272	82.773	ng	#	83
55) Dibenzofuran	14.627	168	1751287	64.490	ng		92
56) 4-Nitrophenol	14.474	139	317488	68.376	ng	#	87
57) 2,4-Dinitrotoluene	14.616	165	485506	77.292	ng	#	80
58) Fluorene	15.280	166	1506964	68.450	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.857	232	388489	71.382	ng	#	82
60) Diethylphthalate	15.074	149	1758123	74.981	ng		96
61) 4-Chlorophenyl-phenyle...	15.280	204	689921	70.164	ng	#	84
62) 4-Nitroaniline	15.333	138	395041	74.906	ng		87
63) Azobenzene	15.580	77	1702461	75.072	ng		99
65) 4,6-Dinitro-2-methylph...	15.386	198	284971	75.718	ng		95
66) n-Nitrosodiphenylamine	15.510	169	1283055	61.310	ng		96
67) 4-Bromophenyl-phenylether	16.186	248	450368	66.786	ng	#	90
68) Hexachlorobenzene	16.286	284	537316	70.143	ng		94
69) Atrazine	16.480	200	449704	69.836	ng		95
70) Pentachlorophenol	16.639	266	353358	71.193	ng		97
71) Phenanthrene	17.039	178	2417561	63.157	ng		98
72) Anthracene	17.127	178	2382334	64.493	ng		99
73) Carbazole	17.410	167	2260594	63.952	ng		97
74) Di-n-butylphthalate	17.980	149	3198277	69.312	ng		99
75) Fluoranthene	19.027	202	2907005	67.871	ng		98
77) Benzidine	19.227	184	974120	105.843	ng		98
78) Pyrene	19.386	202	3042265	59.070	ng		98
80) Butylbenzylphthalate	20.286	149	1576233	63.650	ng		96
81) Benzo(a)anthracene	21.109	228	3130865	62.538	ng		98
82) 3,3'-Dichlorobenzidine	21.051	252	1103861	76.345	ng		99
83) Chrysene	21.162	228	3009774	63.438	ng		99
84) Bis(2-ethylhexyl)phtha...	21.051	149	2408392	67.649	ng		97
85) Di-n-octyl phthalate	21.945	149	3924202	65.254	ng		96
87) Indeno(1,2,3-cd)pyrene	25.786	276	3166648	55.473	ng		99
88) Benzo(b)fluoranthene	22.721	252	2952061	62.803	ng		99
89) Benzo(k)fluoranthene	22.768	252	3106021	66.649	ng		99
90) Benzo(a)pyrene	23.309	252	2483683	62.747	ng		99
91) Dibenzo(a,h)anthracene	25.797	278	2726293	57.342	ng		100
92) Benzo(g,h,i)perylene	26.503	276	2262819	47.903	ng		100

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

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