Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010622\
Data File : BP008706.D
Acq On : 06 Jan 2022 13:07
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 06 16:19:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 06 16:16:23 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	342066	20.000	ng		0.00
21) Naphthalene-d8	10.681	136	1511024	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	1017960	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	2321982	20.000	ng		0.00
76) Chrysene-d12	21.351	240	2521618	20.000	ng		0.00
86) Perylene-d12	23.768	264	2847139	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	855202	45.634	ng		0.00
7) Phenol-d6	7.051	99	1142732	43.808	ng		0.00
23) Nitrobenzene-d5	9.034	82	1045676	41.168	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	719091	52.212	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	3181929	45.287	ng		0.00
79) Terphenyl-d14	19.821	244	5517772	44.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	163686	21.621	ng		98
3) Pyridine	3.763	79	360048	17.434	ng		95
4) n-Nitrosodimethylamine	3.669	42	166661	24.993	ng		89
6) Aniline	7.204	93	724728	23.904	ng		99
8) 2-Chlorophenol	7.446	128	483684	21.910	ng		97
9) Benzaldehyde	7.016	77	389788	26.255	ng		99
10) Phenol	7.075	94	582329	22.113	ng		97
11) bis(2-Chloroethyl)ether	7.298	93	460052	21.661	ng		96
12) 1,3-Dichlorobenzene	7.769	146	552617	21.386	ng		97
13) 1,4-Dichlorobenzene	7.916	146	566952	21.571	ng		99
14) 1,2-Dichlorobenzene	8.234	146	549611	21.404	ng		100
15) Benzyl Alcohol	8.116	79	431196	23.078	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.410	45	526415	21.782	ng		99
17) 2-Methylphenol	8.328	107	406119	22.162	ng		96
18) Hexachloroethane	8.963	117	189116	22.069	ng		99
19) n-Nitroso-di-n-propyla...	8.687	70	377990	22.691	ng		96
20) 3+4-Methylphenols	8.657	107	564594	21.931	ng		98
22) Acetophenone	8.704	105	783977	21.637	ng	#	97
24) Nitrobenzene	9.081	77	527263	21.796	ng		97
25) Isophorone	9.610	82	1047917	22.085	ng		99
26) 2-Nitrophenol	9.792	139	270088	23.507	ng		95
27) 2,4-Dimethylphenol	9.857	122	501655	24.196	ng		99
28) bis(2-Chloroethoxy)met...	10.092	93	653988	19.907	ng		99
29) 2,4-Dichlorophenol	10.334	162	529935	21.119	ng		98
30) 1,2,4-Trichlorobenzene	10.545	180	584804	19.764	ng		99
31) Naphthalene	10.734	128	1632465	20.815	ng		100
32) Benzoic acid	9.981	122	317572	24.251	ng		99
33) 4-Chloroaniline	10.839	127	728845	21.672	ng		99
34) Hexachlorobutadiene	11.028	225	348876	19.422	ng		99
35) Caprolactam	11.616	113	189942	23.029	ng		95
36) 4-Chloro-3-methylphenol	11.969	107	542945	21.646	ng		100
37) 2-Methylnaphthalene	12.339	142	1284029	21.751	ng		98
38) 1-Methylnaphthalene	12.557	142	1190412	20.625	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	722746	22.537	ng		99
41) Hexachlorocyclopentadiene	12.692	237	421079	24.691	ng		99
43) 2,4,6-Trichlorophenol	12.951	196	476532	22.838	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	528023	22.919	ng	97
46) 1,1'-Biphenyl	13.351	154	1724953	22.910	ng	98
47) 2-Chloronaphthalene	13.386	162	1308564	22.176	ng	99
48) 2-Nitroaniline	13.586	65	312710	24.174	ng	98
49) Acenaphthylene	14.233	152	2089098	23.048	ng	100
50) Dimethylphthalate	13.969	163	1746055	22.270	ng	100
51) 2,6-Dinitrotoluene	14.086	165	374151	23.256	ng	98
52) Acenaphthene	14.575	154	1160828	19.574	ng	99
53) 3-Nitroaniline	14.410	138	355076	21.205	ng	99
54) 2,4-Dinitrophenol	14.622	184	172798	24.114	ng	98
55) Dibenzofuran	14.910	168	1927226	20.271	ng	99
56) 4-Nitrophenol	14.728	139	293977	22.295	ng	97
57) 2,4-Dinitrotoluene	14.869	165	482276	22.466	ng	97
58) Fluorene	15.563	166	1583749	21.377	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	454736m	22.032	ng	
60) Diethylphthalate	15.333	149	1571275	20.502	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	837938	20.304	ng	99
62) 4-Nitroaniline	15.575	138	373571	21.967	ng	98
63) Azobenzene	15.851	77	1212734	19.606	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	251474	21.538	ng	98
66) n-Nitrosodiphenylamine	15.769	169	1417131	20.222	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	554276	21.816	ng	100
68) Hexachlorobenzene	16.574	284	658000	21.098	ng	97
69) Atrazine	16.727	200	579396	22.103	ng	99
70) Pentachlorophenol	16.916	266	398865	23.480	ng	99
71) Phenanthrene	17.304	178	2607907	20.832	ng	98
72) Anthracene	17.398	178	2663107	21.833	ng	99
73) Carbazole	17.663	167	2431632	20.311	ng	99
74) Di-n-butylphthalate	18.221	149	2821110	21.538	ng	99
75) Fluoranthene	19.268	202	3230526	22.435	ng	97
77) Benzidine	19.445	184	2165849	28.589	ng	99
78) Pyrene	19.621	202	3318509	20.229	ng	97
80) Butylbenzylphthalate	20.498	149	1330253	20.330	ng	96
81) Benzo(a)anthracene	21.333	228	3357554	20.524	ng	97
82) 3,3'-Dichlorobenzidine	21.262	252	1497380	24.894	ng	99
83) Chrysene	21.386	228	3257995	21.299	ng	97
84) Bis(2-ethylhexyl)phtha...	21.262	149	2014963	20.386	ng	99
85) Di-n-octyl phthalate	22.192	149	3521580	23.018	ng	99
87) Indeno(1,2,3-cd)pyrene	26.303	276	4531504	23.695	ng	98
88) Benzo(b)fluoranthene	23.033	252	3750789	20.485	ng	99
89) Benzo(k)fluoranthene	23.080	252	3529075	19.388	ng	98
90) Benzo(a)pyrene	23.662	252	3601837	24.401	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	3863112	23.945	ng	99
92) Benzo(g,h,i)perylene	27.074	276	3799568	25.186	ng	99

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

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