Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011022\
Data File : BP008744.D
Acq On : 10 Jan 2022 10:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

Quant Time: Jan 10 16:32:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	386436	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1660034	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	1184041	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2598741	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2717629	20.000	ng	0.00
86) Perylene-d12	23.780	264	2912095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1753145	71.043	ng	0.00
7) Phenol-d6	7.046	99	2326787	70.237	ng	0.00
23) Nitrobenzene-d5	9.034	82	2100845	71.671	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	1319827	66.071	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	5883073	69.854	ng	0.00
79) Terphenyl-d14	19.822	244	9996712	74.961	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	330761	35.539	ng	97
3) Pyridine	3.758	79	776950	35.489	ng	97
4) n-Nitrosodimethylamine	3.664	42	346737	35.544	ng	91
6) Aniline	7.199	93	1464067	35.180	ng	99
8) 2-Chlorophenol	7.440	128	988128	35.430	ng	99
9) Benzaldehyde	7.010	77	780390	34.807	ng	100
10) Phenol	7.069	94	1185565	34.973	ng	96
11) bis(2-Chloroethyl)ether	7.293	93	931928	35.467	ng	97
12) 1,3-Dichlorobenzene	7.763	146	1121688	35.600	ng	99
13) 1,4-Dichlorobenzene	7.910	146	1143589	35.517	ng	100
14) 1,2-Dichlorobenzene	8.228	146	1103754	35.351	ng	99
15) Benzyl Alcohol	8.110	79	855315	34.755	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1058253	35.335	ng	99
17) 2-Methylphenol	8.322	107	817518	34.981	ng	98
18) Hexachloroethane	8.957	117	392912	36.279	ng	98
19) n-Nitroso-di-n-propyla...	8.687	70	742457	34.519	ng	98
20) 3+4-Methylphenols	8.652	107	1126407	34.737	ng	98
22) Acetophenone	8.693	105	1515804	34.607	ng	99
24) Nitrobenzene	9.075	77	1062253	35.799	ng	97
25) Isophorone	9.604	82	2052109	35.597	ng	98
26) 2-Nitrophenol	9.787	139	567993	36.705	ng	95
27) 2,4-Dimethylphenol	9.851	122	979118	35.323	ng	99
28) bis(2-Chloroethoxy)met...	10.087	93	1290579	35.904	ng	100
29) 2,4-Dichlorophenol	10.328	162	1057931	35.604	ng	99
30) 1,2,4-Trichlorobenzene	10.540	180	1164763	35.981	ng	98
31) Naphthalene	10.728	128	3208013	35.742	ng	100
32) Benzoic acid	10.010	122	639420	34.504	ng	99
33) 4-Chloroaniline	10.834	127	1407212	34.933	ng	99
34) Hexachlorobutadiene	11.022	225	708173	36.184	ng	100
35) Caprolactam	11.640	113	369572	35.000	ng	95
36) 4-Chloro-3-methylphenol	11.969	107	1056224	35.095	ng	99
37) 2-Methylnaphthalene	12.334	142	2486052	35.205	ng	98
38) 1-Methylnaphthalene	12.551	142	2301125	35.085	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	1385739	35.208	ng	99
41) Hexachlorocyclopentadiene	12.687	237	803713	34.348	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	931014	35.528	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1019975	35.409	ng	98
46) 1,1'-Biphenyl	13.345	154	3244217	35.149	ng	100
47) 2-Chloronaphthalene	13.387	162	2505610	35.369	ng	100
48) 2-Nitroaniline	13.587	65	642833	37.175	ng	97
49) Acenaphthylene	14.228	152	3985237	35.410	ng	99
50) Dimethylphthalate	13.969	163	3244793	34.485	ng	99
51) 2,6-Dinitrotoluene	14.087	165	723016	35.531	ng	97
52) Acenaphthene	14.575	154	2394692	35.526	ng	99
53) 3-Nitroaniline	14.416	138	742589	35.756	ng	100
54) 2,4-Dinitrophenol	14.622	184	351893	33.910	ng	95
55) Dibenzofuran	14.910	168	3905832	35.135	ng	99
56) 4-Nitrophenol	14.734	139	602047	34.814	ng	96
57) 2,4-Dinitrotoluene	14.875	165	1006639	36.242	ng	94
58) Fluorene	15.557	166	3168523	35.408	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	904397m	34.938	ng	
60) Diethylphthalate	15.334	149	3240713	35.519	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	1698345	35.374	ng	99
62) 4-Nitroaniline	15.581	138	773983	35.894	ng	93
63) Azobenzene	15.845	77	2679454	37.465	ng	94
65) 4,6-Dinitro-2-methylph...	15.639	198	533285	36.986	ng	93
66) n-Nitrosodiphenylamine	15.769	169	2857789	36.287	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	1086544	35.337	ng	98
68) Hexachlorobenzene	16.575	284	1239999	34.661	ng	98
69) Atrazine	16.728	200	1158382	36.236	ng	100
70) Pentachlorophenol	16.916	266	744284	33.327	ng	99
71) Phenanthrene	17.304	178	5155800	35.708	ng	99
72) Anthracene	17.398	178	5305905	35.983	ng	99
73) Carbazole	17.669	167	4806069	35.564	ng	99
74) Di-n-butylphthalate	18.222	149	5797451	37.469	ng	99
75) Fluoranthene	19.275	202	6339452	36.666	ng	97
77) Benzidine	19.451	184	3725504	32.038	ng	98
78) Pyrene	19.627	202	6436085	36.219	ng	99
80) Butylbenzylphthalate	20.498	149	2767725	38.094	ng	98
81) Benzo(a)anthracene	21.339	228	6416637	35.990	ng	99
82) 3,3'-Dichlorobenzidine	21.269	252	2840802	35.073	ng	99
83) Chrysene	21.392	228	6180736	35.937	ng	98
84) Bis(2-ethylhexyl)phtha...	21.269	149	4094833	38.602	ng	99
85) Di-n-octyl phthalate	22.198	149	7230318	38.402	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	8104614	34.830	ng	99
88) Benzo(b)fluoranthene	23.039	252	6920046	36.369	ng	99
89) Benzo(k)fluoranthene	23.092	252	6745428	37.880	ng	99
90) Benzo(a)pyrene	23.674	252	6776968	36.850	ng	100
91) Dibenzo(a,h)anthracene	26.333	278	6829588	34.736	ng	99
92) Benzo(g,h,i)perylene	27.098	276	6671602	34.184	ng	99

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

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