Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010622\
Data File : BP008707.D
Acq On : 06 Jan 2022 13:40
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Quant Time: Jan 06 16:20:29 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	357304	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	1599110	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	1153637	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2427116	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2619374	20.000	ng	0.00
86) Perylene-d12	23.786	264	3049858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1647456	84.159	ng	0.00
7) Phenol-d6	7.052	99	2236525	82.083	ng	0.00
23) Nitrobenzene-d5	9.034	82	2015267	74.970	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1363799	87.377	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	5824516	73.148	ng	0.00
79) Terphenyl-d14	19.827	244	9661374	75.310	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	307201	38.846	ng	98
3) Pyridine	3.764	79	754559	34.979	ng	98
4) n-Nitrosodimethylamine	3.669	42	327838	47.066	ng	89
6) Aniline	7.205	93	1398220	44.152	ng	99
8) 2-Chlorophenol	7.446	128	936437	40.611	ng	100
9) Benzaldehyde	7.016	77	751974	48.490	ng	99
10) Phenol	7.075	94	1140257	41.453	ng	97
11) bis(2-Chloroethyl)ether	7.299	93	877247	39.543	ng	99
12) 1,3-Dichlorobenzene	7.769	146	1050879	38.934	ng	99
13) 1,4-Dichlorobenzene	7.916	146	1066257	38.837	ng	99
14) 1,2-Dichlorobenzene	8.234	146	1033974	38.550	ng	100
15) Benzyl Alcohol	8.116	79	831398	42.599	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.416	45	988317	39.150	ng	100
17) 2-Methylphenol	8.328	107	794248	41.493	ng	98
18) Hexachloroethane	8.963	117	362089	40.453	ng	96
19) n-Nitroso-di-n-propyla...	8.687	70	719687	41.362	ng	96
20) 3+4-Methylphenols	8.657	107	1092766	40.636	ng	97
22) Acetophenone	8.699	105	1488651	38.822	ng	98
24) Nitrobenzene	9.081	77	1016755	39.715	ng	99
25) Isophorone	9.610	82	1984432	39.518	ng	99
26) 2-Nitrophenol	9.793	139	547584	45.034	ng	94
27) 2,4-Dimethylphenol	9.857	122	967349	44.088	ng	99
28) bis(2-Chloroethoxy)met...	10.093	93	1229138	35.354	ng	99
29) 2,4-Dichlorophenol	10.334	162	1040241	39.172	ng	99
30) 1,2,4-Trichlorobenzene	10.546	180	1114841	35.602	ng	100
31) Naphthalene	10.734	128	3091148	37.242	ng	100
32) Benzoic acid	10.010	122	658954	47.549	ng	98
33) 4-Chloroaniline	10.840	127	1390636	39.073	ng	99
34) Hexachlorobutadiene	11.028	225	663674	34.911	ng	99
35) Caprolactam	11.634	113	368313	42.196	ng	95
36) 4-Chloro-3-methylphenol	11.969	107	1037422	39.082	ng	100
37) 2-Methylnaphthalene	12.340	142	2428909	38.878	ng	99
38) 1-Methylnaphthalene	12.557	142	2247816	36.800	ng	99
40) 1,2,4,5-Tetrachloroben...	12.710	216	1367645	37.630	ng	99
41) Hexachlorocyclopentadiene	12.698	237	833269	43.115	ng	100
43) 2,4,6-Trichlorophenol	12.951	196	918993	38.864	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1011670	38.748	ng	98
46) 1,1'-Biphenyl	13.351	154	3177528	37.239	ng	99
47) 2-Chloronaphthalene	13.392	162	2449489	36.629	ng	99
48) 2-Nitroaniline	13.592	65	625864	42.693	ng	99
49) Acenaphthylene	14.234	152	3913643	38.100	ng	100
50) Dimethylphthalate	13.975	163	3224810	36.293	ng	99
51) 2,6-Dinitrotoluene	14.087	165	706494	38.749	ng	94
52) Acenaphthene	14.581	154	2367695	35.229	ng	99
53) 3-Nitroaniline	14.416	138	743675	39.189	ng	99
54) 2,4-Dinitrophenol	14.622	184	378555	46.615	ng	94
55) Dibenzofuran	14.916	168	3866716	35.888	ng	99
56) 4-Nitrophenol	14.728	139	625479	41.857	ng	94
57) 2,4-Dinitrotoluene	14.875	165	981540	40.346	ng	91
58) Fluorene	15.563	166	2838191	33.804	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	908829m	38.854	ng	
60) Diethylphthalate	15.339	149	3158773	36.369	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	1526426	32.636	ng	100
62) 4-Nitroaniline	15.581	138	710922	36.888	ng	98
63) Azobenzene	15.851	77	2220958	31.683	ng	98
65) 4,6-Dinitro-2-methylph...	15.645	198	517248	42.381	ng	98
66) n-Nitrosodiphenylamine	15.775	169	2576568	35.175	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	1035036	38.973	ng	99
68) Hexachlorobenzene	16.575	284	1220406	37.435	ng	98
69) Atrazine	16.733	200	1063486	38.813	ng	99
70) Pentachlorophenol	16.922	266	788844	44.426	ng	99
71) Phenanthrene	17.310	178	4748715	36.290	ng	99
72) Anthracene	17.404	178	4889124	38.346	ng	100
73) Carbazole	17.669	167	4488352	35.866	ng	100
74) Di-n-butylphthalate	18.227	149	5164768	37.723	ng	99
75) Fluoranthene	19.275	202	5916773	39.310	ng	98
77) Benzidine	19.451	184	4030829	51.221	ng	99
78) Pyrene	19.627	202	6079985	35.679	ng	98
80) Butylbenzylphthalate	20.504	149	2504882	36.854	ng	96
81) Benzo(a)anthracene	21.339	228	6179978	36.368	ng	98
82) 3,3'-Dichlorobenzidine	21.274	252	2826872	45.244	ng	99
83) Chrysene	21.392	228	5913355	37.215	ng	98
84) Bis(2-ethylhexyl)phtha...	21.269	149	3637927	35.432	ng	98
85) Di-n-octyl phthalate	22.204	149	6488061	40.825	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	8808962	42.999	ng	98
88) Benzo(b)fluoranthene	23.045	252	6973963	35.557	ng	99
89) Benzo(k)fluoranthene	23.098	252	6727269	34.502	ng	99
90) Benzo(a)pyrene	23.680	252	6885846	43.549	ng	99
91) Dibenzo(a,h)anthracene	26.345	278	7443162	43.068	ng	98
92) Benzo(g,h,i)perylene	27.109	276	7370667	45.610	ng	99

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

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