Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010622\
Data File : BP008711.D
Acq On : 06 Jan 2022 15:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP010622

Manual Integrations APPROVED

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

Quant Time: Jan 07 07:48:40 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	315609	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	1479851	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	1004384	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2323849	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2559765	20.000	ng	0.00
86) Perylene-d12	23.786	264	2982967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1431162	71.010	ng	0.00
7) Phenol-d6	7.046	99	2021289	74.708	ng	0.00
23) Nitrobenzene-d5	9.034	82	1859706	71.170	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	1305698	77.055	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	5478765	76.689	ng	0.00
79) Terphenyl-d14	19.828	244	9378844	74.666	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	254058	33.423	ng	98
3) Pyridine	3.764	79	686517	38.395	ng	97
4) n-Nitrosodimethylamine	3.670	42	284924	35.762	ng	87
6) Aniline	7.205	93	1270679	37.385	ng	99
8) 2-Chlorophenol	7.446	128	839263	36.846	ng	99
9) Benzaldehyde	7.017	77	679977	37.135	ng	99
10) Phenol	7.075	94	1036184	37.426	ng	98
11) bis(2-Chloroethyl)ether	7.299	93	791451	36.881	ng	98
12) 1,3-Dichlorobenzene	7.769	146	925420	35.962	ng	99
13) 1,4-Dichlorobenzene	7.911	146	946401	35.989	ng	99
14) 1,2-Dichlorobenzene	8.228	146	926188	36.321	ng	98
15) Benzyl Alcohol	8.116	79	757869	37.706	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.416	45	904976	36.999	ng	100
17) 2-Methylphenol	8.322	107	721341	37.792	ng	97
18) Hexachloroethane	8.963	117	318008	35.952	ng	97
19) n-Nitroso-di-n-propyla...	8.687	70	665446	37.882	ng	97
20) 3+4-Methylphenols	8.652	107	1015673	38.351	ng	99
22) Acetophenone	8.699	105	1377727	35.284	ng	98
24) Nitrobenzene	9.075	77	935969	35.383	ng	96
25) Isophorone	9.611	82	1875485	36.494	ng	99
26) 2-Nitrophenol	9.793	139	509069	36.903	ng	96
27) 2,4-Dimethylphenol	9.858	122	897960	36.340	ng	99
28) bis(2-Chloroethoxy)met...	10.093	93	1149595	35.876	ng	99
29) 2,4-Dichlorophenol	10.328	162	965674	36.456	ng	98
30) 1,2,4-Trichlorobenzene	10.546	180	1014234	35.146	ng	99
31) Naphthalene	10.728	128	2844918	35.556	ng	100
32) Benzoic acid	10.005	122	630214	38.148	ng	98
33) 4-Chloroaniline	10.840	127	1300160	36.206	ng	100
34) Hexachlorobutadiene	11.028	225	605917	34.729	ng	99
35) Caprolactam	11.634	113	349577	37.137	ng	99
36) 4-Chloro-3-methylphenol	11.969	107	981617	36.587	ng	99
37) 2-Methylnaphthalene	12.340	142	2263710	35.959	ng	99
38) 1-Methylnaphthalene	12.557	142	2110076	36.090	ng	98
40) 1,2,4,5-Tetrachloroben...	12.710	216	1280871	38.365	ng	99
41) Hexachlorocyclopentadiene	12.699	237	727343	36.644	ng	100
43) 2,4,6-Trichlorophenol	12.952	196	871408	39.201	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	963528	39.433	ng	98
46) 1,1'-Biphenyl	13.352	154	2851002	36.414	ng	99
47) 2-Chloronaphthalene	13.393	162	2145670	35.706	ng	99
48) 2-Nitroaniline	13.593	65	514080	35.047	ng	95
49) Acenaphthylene	14.234	152	3401432	35.629	ng	100
50) Dimethylphthalate	13.975	163	2824214	35.384	ng	100
51) 2,6-Dinitrotoluene	14.087	165	629078	36.445	ng	99
52) Acenaphthene	14.581	154	2033256	35.559	ng	100
53) 3-Nitroaniline	14.416	138	645789	36.657	ng	99
54) 2,4-Dinitrophenol	14.622	184	356550	40.504	ng	99
55) Dibenzofuran	14.916	168	3367626	35.712	ng	99
56) 4-Nitrophenol	14.728	139	551492	37.595	ng	98
57) 2,4-Dinitrotoluene	14.875	165	890221	37.784	ng	100
58) Fluorene	15.563	166	2730567	35.972	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.146	232	812469m	37.001	ng	
60) Diethylphthalate	15.340	149	2796053	36.127	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	1467820	36.041	ng	98
62) 4-Nitroaniline	15.581	138	688322	37.631	ng	96
63) Azobenzene	15.851	77	2162081	35.638	ng	99
65) 4,6-Dinitro-2-methylph...	15.646	198	511960	39.707	ng	98
66) n-Nitrosodiphenylamine	15.775	169	2488245	35.332	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	988514	35.952	ng	99
68) Hexachlorobenzene	16.575	284	1173154	36.672	ng	98
69) Atrazine	16.734	200	1034143	36.176	ng	99
70) Pentachlorophenol	16.922	266	763276	38.220	ng	99
71) Phenanthrene	17.310	178	4597087	35.605	ng	99
72) Anthracene	17.404	178	4711504	35.732	ng	99
73) Carbazole	17.669	167	4298392	35.569	ng	100
74) Di-n-butylphthalate	18.228	149	5022754	36.302	ng	99
75) Fluoranthene	19.275	202	5697817	36.853	ng	98
77) Benzidine	19.451	184	3968501	36.232	ng	98
78) Pyrene	19.628	202	5846608	34.931	ng	98
80) Butylbenzylphthalate	20.504	149	2436303	35.600	ng	96
81) Benzo(a)anthracene	21.339	228	5978096	35.598	ng	99
82) 3,3'-Dichlorobenzidine	21.275	252	2746449	36.000	ng	99
83) Chrysene	21.392	228	5766922	35.599	ng	98
84) Bis(2-ethylhexyl)phtha...	21.269	149	3609603	36.126	ng	99
85) Di-n-octyl phthalate	22.204	149	6469246	36.478	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	9057146	37.998	ng	99
88) Benzo(b)fluoranthene	23.045	252	6877573	35.287	ng	99
89) Benzo(k)fluoranthene	23.092	252	6564227	35.987	ng	99
90) Benzo(a)pyrene	23.680	252	6732263	35.737	ng	99
91) Dibenzo(a,h)anthracene	26.345	278	7632506	37.897	ng	99
92) Benzo(g,h,i)perylene	27.104	276	7402367	37.027	ng	99

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

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