Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011022\
Data File : BP008754.D
Acq On : 10 Jan 2022 17:34
Operator : CG/JU
Sample : N1054-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220018-CAPE-6-COMPMSD

Manual Integrations APPROVED

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

Quant Time: Jan 11 03:19:06 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	342717	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1239810	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	769183	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1514166	20.000	ng	0.00
76) Chrysene-d12	21.357	240	1389274	20.000	ng	0.00
86) Perylene-d12	23.780	264	1410613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	3275767	149.678	ng	0.00
7) Phenol-d6	7.052	99	3076892	104.728	ng	0.00
23) Nitrobenzene-d5	9.034	82	1852057	84.600	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1585765	122.199	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	4698978	85.887	ng	0.00
79) Terphenyl-d14	19.828	244	6199508	90.937	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	426818	51.709	ng	97
3) Pyridine	3.764	79	1069981	55.108	ng	96
4) n-Nitrosodimethylamine	3.670	42	479900	55.469	ng	91
6) Aniline	7.205	93	820308	22.226	ng	99
8) 2-Chlorophenol	7.446	128	1017788	41.149	ng	99
9) Benzaldehyde	7.011	77	534842	26.898	ng	98
10) Phenol	7.081	94	1153286	38.361	ng	98
11) bis(2-Chloroethyl)ether	7.299	93	894825	38.399	ng	99
12) 1,3-Dichlorobenzene	7.763	146	1181424	42.279	ng	98
13) 1,4-Dichlorobenzene	7.910	146	1199917	42.021	ng	100
14) 1,2-Dichlorobenzene	8.228	146	1140329	41.182	ng	99
15) Benzyl Alcohol	8.116	79	787076	36.062	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.410	45	931374	35.066	ng	98
17) 2-Methylphenol	8.328	107	767386	37.025	ng	98
18) Hexachloroethane	8.958	117	400578	41.705	ng	98
19) n-Nitroso-di-n-propyla...	8.693	70	625296	32.781	ng	98
20) 3+4-Methylphenols	8.658	107	1011536	35.174	ng	98
22) Acetophenone	8.699	105	1372778	41.964	ng	99
24) Nitrobenzene	9.081	77	937188	42.289	ng	99
25) Isophorone	9.610	82	1642665	38.152	ng	99
26) 2-Nitrophenol	9.793	139	546850	47.317	ng	99
27) 2,4-Dimethylphenol	9.857	122	860334	41.558	ng	100
28) bis(2-Chloroethoxy)met...	10.093	93	1088361	40.541	ng	99
29) 2,4-Dichlorophenol	10.328	162	971275	43.767	ng	98
30) 1,2,4-Trichlorobenzene	10.546	180	1118281	46.254	ng	100
31) Naphthalene	10.728	128	2899333	43.251	ng	100
32) Benzoic acid	10.022	122	613674	44.338	ng	100
33) 4-Chloroaniline	10.840	127	198735	6.606	ng	99
34) Hexachlorobutadiene	11.022	225	712632	48.754	ng	99
35) Caprolactam	11.640	113	258526	32.782	ng	95
36) 4-Chloro-3-methylphenol	11.975	107	860356	38.276	ng	99
37) 2-Methylnaphthalene	12.340	142	2117873	40.156	ng	99
38) 1-Methylnaphthalene	12.557	142	1949876	39.807	ng	100
40) 1,2,4,5-Tetrachloroben...	12.710	216	1243546	48.636	ng	99
41) Hexachlorocyclopentadiene	12.693	237	1375112	90.464	ng	100
43) 2,4,6-Trichlorophenol	12.951	196	791267	46.481	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	846369	45.229	ng	99
46) 1,1'-Biphenyl	13.351	154	2734784	45.610	ng	100
47) 2-Chloronaphthalene	13.393	162	2099352	45.617	ng	99
48) 2-Nitroaniline	13.587	65	463809	41.289	ng	99
49) Acenaphthylene	14.234	152	3180549	43.502	ng	100
50) Dimethylphthalate	13.975	163	2503086	40.950	ng	100
51) 2,6-Dinitrotoluene	14.087	165	560779	42.422	ng	99
52) Acenaphthene	14.575	154	1906799	43.544	ng	99
53) 3-Nitroaniline	14.416	138	220303	16.329	ng	99
54) 2,4-Dinitrophenol	14.622	184	616881	91.506	ng	98
55) Dibenzofuran	14.910	168	3094930	42.856	ng	99
56) 4-Nitrophenol	14.740	139	882990	78.598	ng	96
57) 2,4-Dinitrotoluene	14.875	165	753191	41.743	ng	99
58) Fluorene	15.563	166	2439570	41.966	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	724666m	43.094	ng	
60) Diethylphthalate	15.340	149	2433337	41.054	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	1331565	42.693	ng	98
62) 4-Nitroaniline	15.581	138	490848	35.041	ng	96
63) Azobenzene	15.851	77	1909375	41.097	ng	98
65) 4,6-Dinitro-2-methylph...	15.645	198	405368	48.252	ng	99
66) n-Nitrosodiphenylamine	15.775	169	2133750	46.500	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	876986	48.952	ng	99
68) Hexachlorobenzene	16.575	284	1007080	48.315	ng	98
69) Atrazine	16.734	200	793858	42.620	ng	99
70) Pentachlorophenol	16.922	266	1218881	93.671	ng	99
71) Phenanthrene	17.310	178	3726899	44.300	ng	99
72) Anthracene	17.404	178	3849639	44.807	ng	99
73) Carbazole	17.669	167	3328293	42.269	ng	99
74) Di-n-butylphthalate	18.228	149	4111535	45.606	ng	99
75) Fluoranthene	19.281	202	4340731	43.088	ng	96
77) Benzidine	19.457	184	1239832	20.857	ng	98
78) Pyrene	19.628	202	4407762	48.522	ng	97
80) Butylbenzylphthalate	20.504	149	1759730	47.378	ng	96
81) Benzo(a)anthracene	21.339	228	4049322	44.428	ng	97
82) 3,3'-Dichlorobenzidine	21.269	252	1163118	28.091	ng	99
83) Chrysene	21.392	228	3934974	44.756	ng	98
84) Bis(2-ethylhexyl)phtha...	21.269	149	2649853	48.864	ng	98
85) Di-n-octyl phthalate	22.204	149	4366324	45.364	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	4926717	43.709	ng	97
88) Benzo(b)fluoranthene	23.045	252	4259916	46.219	ng	99
89) Benzo(k)fluoranthene	23.092	252	4012407	46.516	ng	98
90) Benzo(a)pyrene	23.674	252	3986734	44.753	ng	99
91) Dibenzo(a,h)anthracene	26.339	278	4186163	43.954	ng	99
92) Benzo(g,h,i)perylene	27.092	276	4156014	43.961	ng	98

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

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