Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
Data File : BP010678.D
Acq On : 02 Jun 2022 19:05
Operator : CG/JU
Sample : N2988-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P015-SS002-0006-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 00:53:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	138852	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	518741	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	302021	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	601993	20.000	ng		0.00
76) Chrysene-d12	21.339	240	573785	20.000	ng		0.00
86) Perylene-d12	23.757	264	594103	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	904031	118.776	ng		0.00
7) Phenol-d6	7.046	99	1247515	115.454	ng		0.00
23) Nitrobenzene-d5	9.022	82	818010	74.554	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	525664	153.759	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1735365	81.547	ng		0.00
79) Terphenyl-d14	19.810	244	2861682	93.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	136665	42.282	ng		96
3) Pyridine	3.752	79	355601	39.285	ng		94
4) n-Nitrosodimethylamine	3.664	42	233576	42.320	ng		88
6) Aniline	7.193	93	319635	25.143	ng		98
8) 2-Chlorophenol	7.434	128	436033	50.758	ng		98
9) Benzaldehyde	7.005	77	303502m	42.683	ng		
10) Phenol	7.075	94	553297	49.517	ng		96
11) bis(2-Chloroethyl)ether	7.287	93	444956	50.244	ng		96
12) 1,3-Dichlorobenzene	7.752	146	492647	49.484	ng		97
13) 1,4-Dichlorobenzene	7.899	146	500445	49.057	ng		98
14) 1,2-Dichlorobenzene	8.216	146	474375	48.576	ng		99
15) Benzyl Alcohol	8.110	79	426107m	49.193	ng		
16) 2,2'-oxybis(1-Chloropr...	8.393	45	674927	40.764	ng		97
17) 2-Methylphenol	8.322	107	364230	48.570	ng		96
18) Hexachloroethane	8.940	117	133663	33.873	ng		95
19) n-Nitroso-di-n-propyla...	8.675	70	349445	44.340	ng		91
20) 3+4-Methylphenols	8.652	107	482205	46.778	ng		98
22) Acetophenone	8.687	105	662345	48.960	ng		95
24) Nitrobenzene	9.069	77	509520	45.965	ng		95
25) Isophorone	9.599	82	913991	49.865	ng		98
26) 2-Nitrophenol	9.775	139	213951	49.525	ng		96
27) 2,4-Dimethylphenol	9.846	122	381817	59.463	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	534988	52.836	ng		99
29) 2,4-Dichlorophenol	10.322	162	376772	48.809	ng		100
30) 1,2,4-Trichlorobenzene	10.528	180	431495	47.520	ng		99
31) Naphthalene	10.710	128	1262313	46.192	ng		99
32) Benzoic acid	10.022	122	294576	54.778	ng		99
33) 4-Chloroaniline	10.828	127	199217	18.871	ng		99
34) Hexachlorobutadiene	10.999	225	288714	47.095	ng		98
35) Caprolactam	11.634	113	122873	55.145	ng	#	86
36) 4-Chloro-3-methylphenol	11.969	107	425834	48.418	ng		98
37) 2-Methylnaphthalene	12.322	142	848910	44.520	ng		99
38) 1-Methylnaphthalene	12.540	142	810294	43.513	ng		99
40) 1,2,4,5-Tetrachloroben...	12.693	216	461685	49.140	ng		98
41) Hexachlorocyclopentadiene	12.669	237	94336	18.862	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	302953	51.651	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	322885	48.669	ng	99
46) 1,1'-Biphenyl	13.334	154	1081644	48.016	ng	99
47) 2-Chloronaphthalene	13.375	162	833441	47.069	ng	99
48) 2-Nitroaniline	13.581	65	323680	52.742	ng	99
49) Acenaphthylene	14.222	152	1346862	49.522	ng	100
50) Dimethylphthalate	13.957	163	998563	45.932	ng	100
51) 2,6-Dinitrotoluene	14.081	165	206947	44.762	ng	93
52) Acenaphthene	14.563	154	760274	45.531	ng	99
53) 3-Nitroaniline	14.410	138	221587	48.937	ng	99
54) 2,4-Dinitrophenol	14.622	184	55591	24.512	ng	98
55) Dibenzofuran	14.898	168	1227574	46.490	ng	99
56) 4-Nitrophenol	14.740	139	393975	102.367	ng	94
57) 2,4-Dinitrotoluene	14.869	165	272409	45.266	ng	94
58) Fluorene	15.551	166	994503	46.070	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	276811	48.673	ng	98
60) Diethylphthalate	15.322	149	1001856	46.293	ng	100
61) 4-Chlorophenyl-phenyle...	15.540	204	509376	46.947	ng	98
62) 4-Nitroaniline	15.575	138	239970	49.715	ng	95
63) Azobenzene	15.834	77	1021301	44.683	ng	97
65) 4,6-Dinitro-2-methylph...	15.640	198	40728	14.235	ng	95
66) n-Nitrosodiphenylamine	15.757	169	848085	46.787	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	310778	47.455	ng	97
68) Hexachlorobenzene	16.563	284	356816	49.327	ng	95
69) Atrazine	16.722	200	290203	49.360	ng	98
70) Pentachlorophenol	16.910	266	478031	115.121	ng	100
71) Phenanthrene	17.298	178	1504532	45.574	ng	99
72) Anthracene	17.386	178	1549794	49.026	ng	100
73) Carbazole	17.663	167	1380000	51.365	ng	99
74) Di-n-butylphthalate	18.210	149	1730781	50.673	ng	99
75) Fluoranthene	19.263	202	1777440	49.570	ng	98
77) Benzidine	19.445	184	275781	25.021	ng	96
78) Pyrene	19.616	202	1827824	45.710	ng	100
80) Butylbenzylphthalate	20.486	149	797773	50.657	ng	94
81) Benzo(a)anthracene	21.327	228	1826512	48.517	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	504583	48.871	ng	99
83) Chrysene	21.380	228	1681715	45.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	1363220	61.408	ng	99
85) Di-n-octyl phthalate	22.174	149	1997694	54.000	ng	99
87) Indeno(1,2,3-cd)pyrene	26.286	276	1996932	46.108	ng	98
88) Benzo(b)fluoranthene	23.021	252	1834240	49.037	ng	99
89) Benzo(k)fluoranthene	23.069	252	1780716	46.962	ng	99
90) Benzo(a)pyrene	23.651	252	1738742	56.196	ng	98
91) Dibenzo(a,h)anthracene	26.298	278	1760782	48.608	ng	98
92) Benzo(g,h,i)perylene	27.062	276	1736699	48.225	ng	97

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

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