Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
Data File : BP010656.D
Acq On : 01 Jun 2022 17:49
Operator : CG/JU
Sample : N2990-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 02 10:05:35 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

Instrument :
BNA_P
ClientSampleId :
P028-SS001-0612-01MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
06/02/2022
Supervised By :Jagrut Upadhyay
06/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	107627	20.000	ng		-0.01
21) Naphthalene-d8	10.657	136	478150	20.000	ng		-0.01
39) Acenaphthene-d10	14.498	164	335310	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	759487	20.000	ng		0.00
76) Chrysene-d12	21.339	240	830494	20.000	ng		0.00
86) Perylene-d12	23.750	264	876830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	817604	138.586	ng		0.00
7) Phenol-d6	7.040	99	1177469	140.586	ng		0.00
23) Nitrobenzene-d5	9.022	82	764173	75.560	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	531607	140.060	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1750184	74.079	ng		0.00
79) Terphenyl-d14	19.809	244	3304376	74.734	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	91029	36.334	ng		96
3) Pyridine	3.746	79	289858	41.312	ng		97
4) n-Nitrosodimethylamine	3.657	42	190555	44.542	ng		87
6) Aniline	7.187	93	532280	54.018	ng		98
8) 2-Chlorophenol	7.428	128	407673	61.225	ng		97
9) Benzaldehyde	6.998	77	255835m	46.417	ng		
10) Phenol	7.063	94	548174	63.291	ng		96
11) bis(2-Chloroethyl)ether	7.287	93	372289	54.235	ng		98
12) 1,3-Dichlorobenzene	7.751	146	397308	51.486	ng		97
13) 1,4-Dichlorobenzene	7.892	146	406382	51.394	ng		100
14) 1,2-Dichlorobenzene	8.210	146	398871	52.694	ng		98
15) Benzyl Alcohol	8.104	79	410588m	61.154	ng		
16) 2,2'-oxybis(1-Chloropr...	8.392	45	619275	48.254	ng		98
17) 2-Methylphenol	8.310	107	361475	62.188	ng		98
18) Hexachloroethane	8.939	117	150265	49.129	ng		95
19) n-Nitroso-di-n-propyla...	8.675	70	329650	53.963	ng		94
20) 3+4-Methylphenols	8.639	107	498622	62.404	ng		98
22) Acetophenone	8.687	105	632449	50.719	ng	#	96
24) Nitrobenzene	9.063	77	493579	48.307	ng		98
25) Isophorone	9.592	82	916227	54.230	ng		98
26) 2-Nitrophenol	9.775	139	227034	57.014	ng		95
27) 2,4-Dimethylphenol	9.845	122	403477	68.171	ng		96
28) bis(2-Chloroethoxy)met...	10.069	93	523025	56.039	ng		98
29) 2,4-Dichlorophenol	10.316	162	414156	58.207	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	411069	49.114	ng		98
31) Naphthalene	10.710	128	1250381	49.640	ng		100
32) Benzoic acid	10.016	122	309063	60.645	ng		99
33) 4-Chloroaniline	10.822	127	428655	44.052	ng		100
34) Hexachlorobutadiene	10.998	225	258785	45.797	ng		96
35) Caprolactam	11.628	113	150775m	73.412	ng		
36) 4-Chloro-3-methylphenol	11.957	107	495954	61.177	ng		100
37) 2-Methylnaphthalene	12.322	142	909958	51.772	ng		98
38) 1-Methylnaphthalene	12.539	142	876884	51.087	ng		98
40) 1,2,4,5-Tetrachloroben...	12.692	216	495138	47.468	ng		99
41) Hexachlorocyclopentadiene	12.669	237	456564	82.223	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	352232	54.091	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	390661	53.039	ng	99
46) 1,1'-Biphenyl	13.333	154	1225668	49.007	ng	99
47) 2-Chloronaphthalene	13.374	162	954335	48.546	ng	98
48) 2-Nitroaniline	13.580	65	361856	53.109	ng	95
49) Acenaphthylene	14.216	152	1613458	53.434	ng	100
50) Dimethylphthalate	13.957	163	1234525	51.148	ng	100
51) 2,6-Dinitrotoluene	14.074	165	279023	54.360	ng	95
52) Acenaphthene	14.563	154	912597	49.228	ng	98
53) 3-Nitroaniline	14.410	138	261085	51.936	ng	97
54) 2,4-Dinitrophenol	14.621	184	349000	107.674	ng	91
55) Dibenzofuran	14.898	168	1496031	51.032	ng	99
56) 4-Nitrophenol	14.733	139	535401	124.497	ng	89
57) 2,4-Dinitrotoluene	14.869	165	395693	59.224	ng	93
58) Fluorene	15.545	166	1248669	52.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	354324	56.118	ng	98
60) Diethylphthalate	15.321	149	1275862	53.102	ng	100
61) 4-Chlorophenyl-phenyle...	15.539	204	629225	52.235	ng	96
62) 4-Nitroaniline	15.574	138	312874	58.011	ng	93
63) Azobenzene	15.833	77	1291443	50.893	ng	98
65) 4,6-Dinitro-2-methylph...	15.633	198	221754	46.172	ng	97
66) n-Nitrosodiphenylamine	15.757	169	1097601	47.996	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	396036	47.934	ng	97
68) Hexachlorobenzene	16.563	284	437310	47.918	ng	94
69) Atrazine	16.715	200	422662	56.982	ng	97
70) Pentachlorophenol	16.910	266	637568	121.701	ng	99
71) Phenanthrene	17.292	178	2052472	49.279	ng	99
72) Anthracene	17.386	178	2078881	52.126	ng	99
73) Carbazole	17.657	167	1970140	58.124	ng	100
74) Di-n-butylphthalate	18.210	149	2382815	55.296	ng	99
75) Fluoranthene	19.262	202	2545924	56.278	ng	99
77) Benzidine	19.439	184	1734570	108.728	ng	99
78) Pyrene	19.615	202	2625013	45.355	ng	99
80) Butylbenzylphthalate	20.486	149	1160698	50.920	ng	96
81) Benzo(a)anthracene	21.327	228	2728207	50.068	ng	99
82) 3,3'-Dichlorobenzidine	21.256	252	952869	63.763	ng	100
83) Chrysene	21.380	228	2548516	47.684	ng	100
84) Bis(2-ethylhexyl)phtha...	21.245	149	1727690	53.770	ng	99
85) Di-n-octyl phthalate	22.174	149	3036195	56.703	ng	98
87) Indeno(1,2,3-cd)pyrene	26.280	276	2819429	44.108	ng	100
88) Benzo(b)fluoranthene	23.021	252	2919779	52.888	ng	100
89) Benzo(k)fluoranthene	23.068	252	2763332	49.378	ng	99
90) Benzo(a)pyrene	23.650	252	2738538	59.970	ng	100
91) Dibenzo(a,h)anthracene	26.291	278	2525196	47.233	ng	100
92) Benzo(g,h,i)perylene	27.044	276	2352564	44.262	ng	99

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

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