Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
Data File : BP012713.D
Acq On : 23 Nov 2022 16:40
Operator : CG/JU
Sample : N5740-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-12MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

Quant Time: Nov 24 02:30:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 00:38:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	384191	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	1381882	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	746976	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1451539	20.000	ng	0.00
76) Chrysene-d12	21.510	240	1530678	20.000	ng	0.00
86) Perylene-d12	24.033	264	1750945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2946329	166.142	ng	0.00
7) Phenol-d6	7.181	99	3343526	131.467	ng	0.00
23) Nitrobenzene-d5	9.199	82	2101887	84.829	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1236968	128.347	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	4706809	89.770	ng	0.00
79) Terphenyl-d14	19.969	244	6948488	96.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	432453	57.866	ng	# 45
3) Pyridine	3.858	79	1038574	43.739	ng	97
4) n-Nitrosodimethylamine	3.764	42	523249	50.389	ng	# 87
6) Aniline	7.352	93	1187308	36.929	ng	99
8) 2-Chlorophenol	7.593	128	1177514	51.479	ng	99
9) Benzaldehyde	7.164	77	543988	32.167	ng	97
10) Phenol	7.211	94	1265585	43.669	ng	97
11) bis(2-Chloroethyl)ether	7.452	93	1165491	46.058	ng	98
12) 1,3-Dichlorobenzene	7.922	146	1218644	42.873	ng	98
13) 1,4-Dichlorobenzene	8.069	146	1235275	42.314	ng	99
14) 1,2-Dichlorobenzene	8.387	146	1205862	42.512	ng	99
15) Benzyl Alcohol	8.269	79	898973m	49.717	ng	
16) 2,2'-oxybis(1-Chloropr...	8.563	45	1573555	41.965	ng	99
17) 2-Methylphenol	8.469	107	912287	46.090	ng	98
18) Hexachloroethane	9.122	117	411926	38.626	ng	95
19) n-Nitroso-di-n-propyla...	8.846	70	777647	43.318	ng	95
20) 3+4-Methylphenols	8.799	107	1173053	44.012	ng	99
22) Acetophenone	8.858	105	1677611	49.730	ng	98
24) Nitrobenzene	9.240	77	1176840	46.415	ng	98
25) Isophorone	9.769	82	2180608	47.996	ng	100
26) 2-Nitrophenol	9.957	139	512630	58.225	ng	99
27) 2,4-Dimethylphenol	10.010	122	1005409	64.537	ng	98
28) bis(2-Chloroethoxy)met...	10.252	93	1393802	51.872	ng	99
29) 2,4-Dichlorophenol	10.487	162	1024675	47.977	ng	99
30) 1,2,4-Trichlorobenzene	10.710	180	1093586	44.058	ng	99
31) Naphthalene	10.905	128	3320059	44.268	ng	99
32) Benzoic acid	10.087	122	239874	34.180	ng	97
33) 4-Chloroaniline	11.005	127	336013	12.295	ng	99
34) Hexachlorobutadiene	11.187	225	660247	42.389	ng	98
35) Caprolactam	11.775	113	242481	42.528	ng	95
36) 4-Chloro-3-methylphenol	12.116	107	966211	46.521	ng	98
37) 2-Methylnaphthalene	12.504	142	2240191	41.928	ng	99
38) 1-Methylnaphthalene	12.722	142	2112459	40.267	ng	100
40) 1,2,4,5-Tetrachloroben...	12.863	216	1211678	50.959	ng	99
41) Hexachlorocyclopentadiene	12.846	237	1138736	100.696	ng	99
43) 2,4,6-Trichlorophenol	13.099	196	781368	48.877	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.169	196	843010	54.781	ng		97
46) 1,1'-Biphenyl	13.504	154	2838709	50.236	ng		99
47) 2-Chloronaphthalene	13.546	162	2189683	48.934	ng		99
48) 2-Nitroaniline	13.746	65	459788	40.323	ng		95
49) Acenaphthylene	14.393	152	3368672	47.405	ng		99
50) Dimethylphthalate	14.122	163	2632318	47.893	ng		99
51) 2,6-Dinitrotoluene	14.234	165	514795	44.566	ng		99
52) Acenaphthene	14.734	154	2086461	46.330	ng		96
53) 3-Nitroaniline	14.563	138	345558	27.649	ng	#	98
54) 2,4-Dinitrophenol	14.763	184	132490	32.108	ng		97
55) Dibenzofuran	15.063	168	3218059	45.941	ng		99
56) 4-Nitrophenol	14.863	139	939662	82.099	ng		96
57) 2,4-Dinitrotoluene	15.022	165	666508	39.522	ng		96
58) Fluorene	15.716	166	2522636	43.803	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.287	232	731605	48.589	ng		99
60) Diethylphthalate	15.487	149	2450664	47.146	ng		100
61) 4-Chlorophenyl-phenyle...	15.710	204	1266205	44.286	ng		99
62) 4-Nitroaniline	15.728	138	510785	39.313	ng		97
63) Azobenzene	16.004	77	2318058	42.312	ng		96
65) 4,6-Dinitro-2-methylph...	15.781	198	167445	30.884	ng		99
66) n-Nitrosodiphenylamine	15.922	169	2133184	52.581	ng		98
67) 4-Bromophenyl-phenylether	16.610	248	771248	51.947	ng		100
68) Hexachlorobenzene	16.722	284	900384	49.081	ng		99
69) Atrazine	16.875	200	715564	55.903	ng		99
70) Pentachlorophenol	17.063	266	1152979	108.690	ng		99
71) Phenanthrene	17.463	178	3953457	48.149	ng		99
72) Anthracene	17.557	178	3959662	50.752	ng		99
73) Carbazole	17.822	167	3688558	52.329	ng		99
74) Di-n-butylphthalate	18.375	149	4149914	54.253	ng		98
75) Fluoranthene	19.422	202	4604183	47.531	ng		99
77) Benzidine	19.598	184	2596001	287.820	ng		99
78) Pyrene	19.775	202	4820884	47.704	ng		100
80) Butylbenzylphthalate	20.645	149	1269048	76.027	ng		96
81) Benzo(a)anthracene	21.492	228	4969934	48.043	ng		99
82) 3,3'-Dichlorobenzidine	21.416	252	977484	40.230	ng		98
83) Chrysene	21.551	228	4716935	47.636	ng		99
84) Bis(2-ethylhexyl)phtha...	21.416	149	2205263	69.342	ng		97
85) Di-n-octyl phthalate	22.386	149	4261218	69.005	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.686	276	6988593	56.988	ng		100
88) Benzo(b)fluoranthene	23.263	252	5651125	48.233	ng		99
89) Benzo(k)fluoranthene	23.310	252	5515297	45.927	ng		100
90) Benzo(a)pyrene	23.921	252	4982270	53.341	ng		99
91) Dibenzo(a,h)anthracene	26.710	278	6005968	57.455	ng		99
92) Benzo(g,h,i)perylene	27.504	276	5914892	62.698	ng		99

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

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