Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007885.D
Acq On : 09 Nov 2021 11:15
Operator : CG/JU
Sample : PB140492BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 11:58:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB140492BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/11/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	149702	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	675256	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	471794	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	1104440	20.000	ng		0.00
76) Chrysene-d12	21.351	240	1281354	20.000	ng		0.00
86) Perylene-d12	23.763	264	1433628	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1155044	130.852	ng		0.00
7) Phenol-d6	7.046	99	1520932	119.043	ng		0.00
23) Nitrobenzene-d5	9.028	82	902292	71.778	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	819781	121.752	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	2269246	70.044	ng		0.00
79) Terphenyl-d14	19.822	244	4463348	70.930	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	97420	31.081	ng		97
3) Pyridine	3.752	79	263634	26.918	ng		95
4) n-Nitrosodimethylamine	3.658	42	153642	36.682	ng	#	94
6) Aniline	7.193	93	571389	39.705	ng		98
8) 2-Chlorophenol	7.434	128	450267	46.288	ng		96
9) Benzaldehyde	7.005	77	228455	32.884	ng		96
10) Phenol	7.069	94	571136	46.813	ng		97
11) bis(2-Chloroethyl)ether	7.293	93	379007	38.918	ng		96
12) 1,3-Dichlorobenzene	7.758	146	412439	38.123	ng		98
13) 1,4-Dichlorobenzene	7.899	146	424110	38.367	ng		98
14) 1,2-Dichlorobenzene	8.216	146	416743	39.012	ng		99
15) Benzyl Alcohol	8.111	79	426077	44.049	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.405	45	442194	38.736	ng		95
17) 2-Methylphenol	8.316	107	392574	46.531	ng		99
18) Hexachloroethane	8.946	117	150253	39.307	ng		94
19) n-Nitroso-di-n-propyla...	8.681	70	313988	40.156	ng		94
20) 3+4-Methylphenols	8.646	107	548172	46.189	ng		99
22) Acetophenone	8.693	105	638773	37.543	ng	#	96
24) Nitrobenzene	9.069	77	473009	39.542	ng		96
25) Isophorone	9.599	82	883527	38.674	ng		98
26) 2-Nitrophenol	9.781	139	249996	41.267	ng		95
27) 2,4-Dimethylphenol	9.846	122	447371	48.054	ng		96
28) bis(2-Chloroethoxy)met...	10.081	93	550152	36.494	ng		99
29) 2,4-Dichlorophenol	10.316	162	492183	43.971	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	461450	37.067	ng		97
31) Naphthalene	10.716	128	1300419	38.070	ng		99
32) Benzoic acid	10.010	122	336755	41.962	ng		99
33) 4-Chloroaniline	10.828	127	458980	30.504	ng		99
34) Hexachlorobutadiene	11.010	225	300347	36.746	ng		99
35) Caprolactam	11.628	113	171344m	43.854	ng		
36) 4-Chloro-3-methylphenol	11.963	107	549220	43.435	ng		99
37) 2-Methylnaphthalene	12.328	142	1019332	40.456	ng		99
38) 1-Methylnaphthalene	12.546	142	950924	38.519	ng		100
40) 1,2,4,5-Tetrachloroben...	12.699	216	578728	39.130	ng		99
41) Hexachlorocyclopentadiene	12.681	237	666261	84.111	ng		97
43) 2,4,6-Trichlorophenol	12.940	196	404107	39.118	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	451630	40.359	ng		97
46) 1,1'-Biphenyl	13.340	154	1237494	36.328	ng		98
47) 2-Chloronaphthalene	13.381	162	993232	37.521	ng		99
48) 2-Nitroaniline	13.581	65	319516	41.948	ng		97
49) Acenaphthylene	14.222	152	1635543	39.342	ng		99
50) Dimethylphthalate	13.969	163	1424366	39.115	ng		99
51) 2,6-Dinitrotoluene	14.081	165	315174	41.852	ng		95
52) Acenaphthene	14.569	154	966498	38.494	ng		100
53) 3-Nitroaniline	14.410	138	266419	33.161	ng	#	93
54) 2,4-Dinitrophenol	14.622	184	400367	86.483	ng	#	88
55) Dibenzofuran	14.904	168	1615494	38.036	ng		99
56) 4-Nitrophenol	14.734	139	559034	81.923	ng		91
57) 2,4-Dinitrotoluene	14.875	165	451565	43.557	ng		87
58) Fluorene	15.551	166	1277961	39.669	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	410428m	40.744	ng		
60) Diethylphthalate	15.334	149	1441198	40.766	ng		98
61) 4-Chlorophenyl-phenyle...	15.545	204	682974	38.813	ng		99
62) 4-Nitroaniline	15.575	138	332201	40.712	ng		92
63) Azobenzene	15.840	77	1202917	40.314	ng		98
65) 4,6-Dinitro-2-methylph...	15.640	198	269121	37.214	ng		89
66) n-Nitrosodiphenylamine	15.763	169	1198666	38.123	ng		99
67) 4-Bromophenyl-phenylether	16.445	248	464872	38.021	ng		98
68) Hexachlorobenzene	16.563	284	539532	39.546	ng		96
69) Atrazine	16.728	200	508427	42.228	ng		98
70) Pentachlorophenol	16.910	266	706512	80.514	ng		96
71) Phenanthrene	17.298	178	2242827	38.630	ng		100
72) Anthracene	17.392	178	2299363	40.242	ng		100
73) Carbazole	17.663	167	2121587	37.355	ng		99
74) Di-n-butylphthalate	18.216	149	2598990	40.180	ng		100
75) Fluoranthene	19.269	202	2925549	39.944	ng		98
77) Benzidine	19.445	184	1617931	50.100	ng		99
78) Pyrene	19.622	202	2995784	38.119	ng		99
80) Butylbenzylphthalate	20.498	149	1310158	39.666	ng		95
81) Benzo(a)anthracene	21.333	228	3182137	37.696	ng		100
82) 3,3'-Dichlorobenzidine	21.263	252	1048570	36.991	ng		99
83) Chrysene	21.386	228	3076745	38.500	ng		100
84) Bis(2-ethylhexyl)phtha...	21.263	149	1900861	40.127	ng	#	97
85) Di-n-octyl phthalate	22.192	149	3565000	41.835	ng		96
87) Indeno(1,2,3-cd)pyrene	26.298	276	4067957	38.067	ng		95
88) Benzo(b)fluoranthene	23.033	252	3625200	42.897	ng	#	98
89) Benzo(k)fluoranthene	23.080	252	3384905	40.357	ng	#	98
90) Benzo(a)pyrene	23.663	252	3456035	47.230	ng	#	98
91) Dibenzo(a,h)anthracene	26.315	278	3449418	38.945	ng		97
92) Benzo(g,h,i)perylene	27.080	276	3445518	39.213	ng	#	96

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

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