Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008263.D
Acq On : 07 Dec 2021 22:21
Operator : CG/JU
Sample : M4949-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 08 01:11:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
VNJ-221MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
12/08/2021
Supervised By :Sohil Jodhani
12/10/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	62334	20.000	ng		-0.02
21) Naphthalene-d8	10.581	136	218929	20.000	ng		-0.02
39) Acenaphthene-d10	14.433	164	135292	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	282019	20.000	ng		-0.01
76) Chrysene-d12	21.304	240	329068	20.000	ng		-0.01
86) Perylene-d12	23.692	264	410494	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	446299	115.280	ng		-0.01
7) Phenol-d6	6.975	99	560879	107.321	ng		-0.01
23) Nitrobenzene-d5	8.945	82	380347	79.001	ng		-0.02
42) 2,4,6-Tribromophenol	15.933	330	216670	125.296	ng		-0.02
45) 2-Fluorobiphenyl	13.051	172	749938	80.516	ng		-0.02
79) Terphenyl-d14	19.768	244	1120507	71.164	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	77625	42.978	ng		99
3) Pyridine	3.687	79	175731	36.454	ng		98
4) n-Nitrosodimethylamine	3.593	42	98884	49.178	ng		99
6) Aniline	7.116	93	161548	26.370	ng		97
8) 2-Chlorophenol	7.351	128	195173	49.247	ng		98
9) Benzaldehyde	6.928	77	115174	39.758	ng		99
10) Phenol	6.998	94	274183	51.053	ng		98
11) bis(2-Chloroethyl)ether	7.210	93	199519	46.479	ng		99
12) 1,3-Dichlorobenzene	7.669	146	219854	48.061	ng		99
13) 1,4-Dichlorobenzene	7.816	146	223770	48.248	ng		98
14) 1,2-Dichlorobenzene	8.134	146	210772	45.695	ng		99
15) Benzyl Alcohol	8.034	79	204340	49.349	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.310	45	281037	43.390	ng		100
17) 2-Methylphenol	8.245	107	165809	47.456	ng		97
18) Hexachloroethane	8.857	117	82100	47.607	ng		91
19) n-Nitroso-di-n-propyla...	8.598	70	154526	42.731	ng		97
20) 3+4-Methylphenols	8.575	107	219141	45.445	ng		99
22) Acetophenone	8.610	105	291331	48.650	ng	#	99
24) Nitrobenzene	8.987	77	234083	50.136	ng		98
25) Isophorone	9.522	82	397763	47.224	ng		99
26) 2-Nitrophenol	9.698	139	103576	51.416	ng		96
27) 2,4-Dimethylphenol	9.769	122	168587	55.959	ng		98
28) bis(2-Chloroethoxy)met...	9.998	93	240458	44.793	ng		99
29) 2,4-Dichlorophenol	10.245	162	182439	50.703	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	208256	49.866	ng		97
31) Naphthalene	10.628	128	546681	48.745	ng		99
32) Benzoic acid	9.957	122	121089	49.135	ng		98
33) 4-Chloroaniline	10.751	127	52907	11.371	ng		99
34) Hexachlorobutadiene	10.916	225	146644	51.309	ng		97
35) Caprolactam	11.563	113	55288	69.173	ng		96
36) 4-Chloro-3-methylphenol	11.898	107	202313	49.186	ng		94
37) 2-Methylnaphthalene	12.245	142	390450	49.224	ng		98
38) 1-Methylnaphthalene	12.469	142	359572	46.571	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	232961	53.009	ng		99
41) Hexachlorocyclopentadiene	12.598	237	165741	98.094	ng		98
43) 2,4,6-Trichlorophenol	12.869	196	150859	50.666	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	163034	51.099	ng		100
46) 1,1'-Biphenyl	13.263	154	481896	49.093	ng		98
47) 2-Chloronaphthalene	13.304	162	391396	50.490	ng		98
48) 2-Nitroaniline	13.522	65	137145	51.340	ng		98
49) Acenaphthylene	14.157	152	592900	49.577	ng		98
50) Dimethylphthalate	13.898	163	481084	47.354	ng		100
51) 2,6-Dinitrotoluene	14.016	165	104648	49.632	ng		98
52) Acenaphthene	14.498	154	349189	48.995	ng		98
53) 3-Nitroaniline	14.351	138	71676	33.544	ng		95
54) 2,4-Dinitrophenol	14.574	184	106432	85.375	ng		96
55) Dibenzofuran	14.833	168	574145	47.142	ng		99
56) 4-Nitrophenol	14.692	139	161397	98.545	ng		89
57) 2,4-Dinitrotoluene	14.816	165	147452	50.959	ng		98
58) Fluorene	15.486	166	455921	46.075	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	137808m	48.572	ng		
60) Diethylphthalate	15.263	149	475940	47.208	ng		99
61) 4-Chlorophenyl-phenyle...	15.480	204	247867	45.668	ng		99
62) 4-Nitroaniline	15.522	138	99320	44.794	ng		93
63) Azobenzene	15.774	77	480079	46.554	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	69405	37.626	ng		93
66) n-Nitrosodiphenylamine	15.698	169	403245	49.362	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	157264	50.148	ng		98
68) Hexachlorobenzene	16.504	284	178637	53.289	ng		96
69) Atrazine	16.663	200	159269	75.120	ng		98
70) Pentachlorophenol	16.857	266	198481	99.573	ng		97
71) Phenanthrene	17.239	178	743113	49.907	ng		99
72) Anthracene	17.327	178	752862	50.948	ng		99
73) Carbazole	17.610	167	667948	46.305	ng		99
74) Di-n-butylphthalate	18.163	149	809930	44.853	ng		100
75) Fluoranthene	19.215	202	954752	47.598	ng		99
77) Benzidine	19.404	184	446899	99.005	ng		98
78) Pyrene	19.568	202	966892	46.751	ng		100
80) Butylbenzylphthalate	20.451	149	383831	40.962	ng		97
81) Benzo(a)anthracene	21.286	228	1046165	47.969	ng		100
82) 3,3'-Dichlorobenzidine	21.221	252	341653	33.249	ng		98
83) Chrysene	21.339	228	1022507	49.270	ng		99
84) Bis(2-ethylhexyl)phtha...	21.215	149	582425	40.937	ng	#	98
85) Di-n-octyl phthalate	22.133	149	1051111	43.491	ng		99
87) Indeno(1,2,3-cd)pyrene	26.203	276	1581674	52.963	ng		97
88) Benzo(b)fluoranthene	22.968	252	1261336	50.970	ng		98
89) Benzo(k)fluoranthene	23.015	252	1194776	49.315	ng		99
90) Benzo(a)pyrene	23.592	252	1237315	58.501	ng	#	98
91) Dibenzo(a,h)anthracene	26.209	278	1321132	53.267	ng		98
92) Benzo(g,h,i)perylene	26.962	276	1358427	54.291	ng		95

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

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