Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007895.D
Acq On : 09 Nov 2021 18:05
Operator : CG/JU
Sample : M4485-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 11:02:14 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 :
AG-2MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	140044	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	526433	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	305830	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	658722	20.000	ng	#	0.00
76) Chrysene-d12	21.345	240	738144	20.000	ng		0.00
86) Perylene-d12	23.757	264	840646	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1073692	130.024	ng		0.00
7) Phenol-d6	7.040	99	1298587	108.650	ng		0.00
23) Nitrobenzene-d5	9.022	82	800509	81.684	ng		0.00
42) 2,4,6-Tribromophenol	15.993	330	571211	130.873	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1895755	90.270	ng		0.00
79) Terphenyl-d14	19.816	244	2977100	82.128	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	150374	53.515	ng		97
3) Pyridine	3.752	79	410148	44.766	ng		97
4) n-Nitrosodimethylamine	3.658	42	211903	54.081	ng		95
6) Aniline	7.216	93	318180	23.635	ng		99
8) 2-Chlorophenol	7.428	128	533774	58.657	ng		96
9) Benzaldehyde	6.999	77	296903	45.684	ng		96
10) Phenol	7.069	94	638501	55.943	ng		95
11) bis(2-Chloroethyl)ether	7.287	93	783312	85.981	ng		81
12) 1,3-Dichlorobenzene	7.752	146	559887	55.321	ng		99
13) 1,4-Dichlorobenzene	7.899	146	573644	55.473	ng		99
14) 1,2-Dichlorobenzene	8.211	146	550678	55.105	ng		99
15) Benzyl Alcohol	8.105	79	472534	52.220	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.399	45	521715	48.854	ng		94
17) 2-Methylphenol	8.316	107	426450	54.032	ng		99
18) Hexachloroethane	8.940	117	205292	57.409	ng		92
19) n-Nitroso-di-n-propyla...	8.675	70	343374	46.943	ng		93
20) 3+4-Methylphenols	8.640	107	572995	51.611	ng		99
22) Acetophenone	8.687	105	722334	54.457	ng	#	97
24) Nitrobenzene	9.063	77	537709	57.658	ng		97
25) Isophorone	9.593	82	938003	52.666	ng		98
26) 2-Nitrophenol	9.775	139	284906	60.324	ng		95
27) 2,4-Dimethylphenol	9.846	122	461602	63.599	ng		95
28) bis(2-Chloroethoxy)met...	10.075	93	584109	49.700	ng		99
29) 2,4-Dichlorophenol	10.316	162	517508	59.304	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	550466	56.718	ng		99
31) Naphthalene	10.710	128	1491898	56.023	ng		99
32) Benzoic acid	10.010	122	367962	58.813	ng		98
33) 4-Chloroaniline	10.840	127	543401	46.324	ng		98
34) Hexachlorobutadiene	11.005	225	374620	58.791	ng		99
35) Caprolactam	11.622	113	152901	50.197	ng	#	88
36) 4-Chloro-3-methylphenol	11.957	107	524337	53.190	ng		99
37) 2-Methylnaphthalene	12.322	142	1084363	55.204	ng		97
38) 1-Methylnaphthalene	12.540	142	1009342	52.444	ng		100
40) 1,2,4,5-Tetrachloroben...	12.693	216	625249	65.216	ng		100
41) Hexachlorocyclopentadiene	12.675	237	833701	162.365	ng		97
43) 2,4,6-Trichlorophenol	12.934	196	430852	64.340	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	467545	64.454	ng		97
46) 1,1'-Biphenyl	13.334	154	1357998	61.499	ng		99
47) 2-Chloronaphthalene	13.375	162	1083635	63.150	ng		100
48) 2-Nitroaniline	13.575	65	310369	62.859	ng		98
49) Acenaphthylene	14.222	152	1558639	57.837	ng		99
50) Dimethylphthalate	13.963	163	1367914	57.950	ng		100
51) 2,6-Dinitrotoluene	14.075	165	296291	60.695	ng		96
52) Acenaphthene	14.563	154	930239	57.155	ng		99
53) 3-Nitroaniline	14.404	138	272207	52.267	ng	#	95
54) 2,4-Dinitrophenol	14.616	184	391879	130.586	ng	#	89
55) Dibenzofuran	14.898	168	1517269	55.109	ng		98
56) 4-Nitrophenol	14.728	139	486932	110.080	ng		92
57) 2,4-Dinitrotoluene	14.869	165	396037	58.931	ng		89
58) Fluorene	15.551	166	1188915	56.932	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	378767m	58.005	ng		
60) Diethylphthalate	15.328	149	1271121	55.466	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	635241	55.692	ng		98
62) 4-Nitroaniline	15.569	138	281816	53.279	ng		89
63) Azobenzene	15.840	77	1068244	55.228	ng		96
65) 4,6-Dinitro-2-methylph...	15.634	198	245192	56.847	ng		91
66) n-Nitrosodiphenylamine	15.757	169	1049696	55.974	ng		98
67) 4-Bromophenyl-phenylether	16.440	248	425986	58.415	ng		99
68) Hexachlorobenzene	16.563	284	490145	60.235	ng		94
69) Atrazine	16.722	200	415424	57.850	ng		98
70) Pentachlorophenol	16.910	266	624332	119.292	ng		97
71) Phenanthrene	17.298	178	1964979	56.744	ng		100
72) Anthracene	17.387	178	1999415	58.670	ng		100
73) Carbazole	17.657	167	1777559	52.474	ng		99
74) Di-n-butylphthalate	18.216	149	2211058	57.311	ng		99
75) Fluoranthene	19.269	202	2476977	56.703	ng		97
77) Benzidine	19.451	184	1539151	82.735	ng		99
78) Pyrene	19.616	202	2547582	56.271	ng		99
80) Butylbenzylphthalate	20.498	149	1061751	55.801	ng		92
81) Benzo(a)anthracene	21.328	228	2626064	54.002	ng		99
82) 3,3'-Dichlorobenzidine	21.263	252	962255	58.927	ng	#	98
83) Chrysene	21.386	228	2563929	55.693	ng		99
84) Bis(2-ethylhexyl)phtha...	21.263	149	1528763	56.021	ng	#	97
85) Di-n-octyl phthalate	22.186	149	2825720	57.563	ng		96
87) Indeno(1,2,3-cd)pyrene	26.286	276	3555483	56.741	ng	#	94
88) Benzo(b)fluoranthene	23.027	252	3012088	60.784	ng	#	98
89) Benzo(k)fluoranthene	23.074	252	2731808	55.545	ng	#	98
90) Benzo(a)pyrene	23.657	252	2863586	66.738	ng	#	97
91) Dibenzo(a,h)anthracene	26.304	278	3018016	58.109	ng		96
92) Benzo(g,h,i)perylene	27.057	276	3007311	58.368	ng	#	95

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

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