Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111921\
Data File : BP008046.D
Acq On : 19 Nov 2021 19:43
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111921

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 20 00:32:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	179351	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	705958	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	487340	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1076272	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1042272	20.000	ng		0.00
86) Perylene-d12	23.710	264	1025563	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	839075	79.966	ng		0.00
7) Phenol-d6	7.005	99	1169002	80.371	ng		0.00
23) Nitrobenzene-d5	8.987	82	1198620	77.023	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	485171	78.667	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	2464809	79.195	ng		0.00
79) Terphenyl-d14	19.786	244	3966347	74.818	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	176400	35.922	ng		99
3) Pyridine	3.723	79	549511m	39.087	ng		
4) n-Nitrosodimethylamine	3.628	42	239218	37.979	ng		98
6) Aniline	7.158	93	714725	38.926	ng		99
8) 2-Chlorophenol	7.393	128	443920	37.686	ng		99
9) Benzaldehyde	6.969	77	368649	42.130	ng		99
10) Phenol	7.028	94	605450	38.860	ng		99
11) bis(2-Chloroethyl)ether	7.252	93	494657	37.280	ng		98
12) 1,3-Dichlorobenzene	7.716	146	502500	37.162	ng		98
13) 1,4-Dichlorobenzene	7.858	146	507332	36.966	ng		99
14) 1,2-Dichlorobenzene	8.175	146	491057	37.287	ng		99
15) Benzyl Alcohol	8.069	79	498542	39.701	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.363	45	757664	36.636	ng		99
17) 2-Methylphenol	8.275	107	400598	39.025	ng		100
18) Hexachloroethane	8.905	117	192204	39.326	ng		98
19) n-Nitroso-di-n-propyla...	8.640	70	407942	37.856	ng		98
20) 3+4-Methylphenols	8.605	107	560041	39.357	ng		99
22) Acetophenone	8.652	105	736463	37.601	ng	#	99
24) Nitrobenzene	9.028	77	592810	38.863	ng		99
25) Isophorone	9.563	82	1077338	39.328	ng		99
26) 2-Nitrophenol	9.740	139	264073	40.674	ng		98
27) 2,4-Dimethylphenol	9.805	122	380972	38.936	ng		98
28) bis(2-Chloroethoxy)met...	10.040	93	683172	38.956	ng		100
29) 2,4-Dichlorophenol	10.275	162	462676	39.224	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	518176	38.632	ng		98
31) Naphthalene	10.675	128	1388284	38.708	ng		99
32) Benzoic acid	9.987	122	353937	42.194	ng		95
33) 4-Chloroaniline	10.787	127	600574	39.447	ng		98
34) Hexachlorobutadiene	10.963	225	353145	38.909	ng		98
35) Caprolactam	11.593	113	107117	40.453	ng		91
36) 4-Chloro-3-methylphenol	11.922	107	529419	38.883	ng		98
37) 2-Methylnaphthalene	12.287	142	993189	37.513	ng		100
38) 1-Methylnaphthalene	12.504	142	969272	37.382	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	599128	38.319	ng		99
41) Hexachlorocyclopentadiene	12.640	237	311255	43.815	ng		98
43) 2,4,6-Trichlorophenol	12.899	196	424557	39.417	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	458438	39.453	ng	97
46) 1,1'-Biphenyl	13.298	154	1336063	36.919	ng	99
47) 2-Chloronaphthalene	13.340	162	1062245	38.515	ng	100
48) 2-Nitroaniline	13.546	65	394336	39.902	ng	99
49) Acenaphthylene	14.187	152	1660303	38.751	ng	99
50) Dimethylphthalate	13.934	163	1422290	38.542	ng	99
51) 2,6-Dinitrotoluene	14.046	165	306342	39.623	ng	99
52) Acenaphthene	14.528	154	979163	37.290	ng	99
53) 3-Nitroaniline	14.375	138	319486	39.548	ng	99
54) 2,4-Dinitrophenol	14.587	184	206882	42.884	ng	100
55) Dibenzofuran	14.863	168	1668454	36.905	ng	100
56) 4-Nitrophenol	14.693	139	266575	41.164	ng	98
57) 2,4-Dinitrotoluene	14.840	165	423189	39.588	ng	97
58) Fluorene	15.516	166	1224593	40.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	408989m	39.129	ng	
60) Diethylphthalate	15.298	149	1411638	37.287	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	683111	40.552	ng	99
62) 4-Nitroaniline	15.545	138	327233	39.362	ng	98
63) Azobenzene	15.804	77	1469040	37.212	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	300027	41.276	ng	99
66) n-Nitrosodiphenylamine	15.728	169	1173254	38.419	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	458047	38.789	ng	98
68) Hexachlorobenzene	16.528	284	486305	38.537	ng	99
69) Atrazine	16.687	200	312907	40.083	ng	99
70) Pentachlorophenol	16.875	266	328269	40.458	ng	99
71) Phenanthrene	17.263	178	2124062	36.628	ng	100
72) Anthracene	17.357	178	2114971	36.838	ng	99
73) Carbazole	17.628	167	2058726	35.313	ng	100
74) Di-n-butylphthalate	18.186	149	2483834	39.094	ng	100
75) Fluoranthene	19.233	202	2621996	35.080	ng	100
77) Benzidine	19.416	184	691722	38.111	ng	99
78) Pyrene	19.586	202	2684987	37.936	ng	100
80) Butylbenzylphthalate	20.463	149	1172367	39.643	ng	95
81) Benzo(a)anthracene	21.298	228	2681953	38.369	ng	100
82) 3,3'-Dichlorobenzidine	21.233	252	1136238	39.883	ng	100
83) Chrysene	21.351	228	2539430	38.286	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	1538373	38.454	ng	99
85) Di-n-octyl phthalate	22.151	149	2966829	40.471	ng	100
87) Indeno(1,2,3-cd)pyrene	26.210	276	2397838	33.695	ng	100
88) Benzo(b)fluoranthene	22.980	252	2468689	38.500	ng	100
89) Benzo(k)fluoranthene	23.033	252	2496242	39.127	ng	100
90) Benzo(a)pyrene	23.604	252	2066452	38.453	ng	100
91) Dibenzo(a,h)anthracene	26.221	278	2011157	33.950	ng	100
92) Benzo(g,h,i)perylene	26.974	276	1914064	32.983	ng	98

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

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