Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111921\
Data File : BP008043.D
Acq On : 19 Nov 2021 18:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 23:23:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 23:19:27 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	181547	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	684210	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	451353	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	942932	20.000	ng		0.00
76) Chrysene-d12	21.316	240	767947	20.000	ng		0.00
86) Perylene-d12	23.710	264	677139	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	1044339	93.318	ng		0.00
7) Phenol-d6	7.010	99	1433285	96.270	ng		0.00
23) Nitrobenzene-d5	8.993	82	1445222	113.034	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	535874	75.459	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	2840265	88.270	ng		0.00
79) Terphenyl-d14	19.792	244	4039963	106.672	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	227917	48.391	ng		99
3) Pyridine	3.722	79	693029m	51.297	ng		
4) n-Nitrosodimethylamine	3.634	42	306108	61.342	ng		99
6) Aniline	7.157	93	878131	52.232	ng		99
8) 2-Chlorophenol	7.393	128	553396	46.772	ng		98
9) Benzaldehyde	6.969	77	422351	43.984	ng		99
10) Phenol	7.034	94	749499	51.888	ng		98
11) bis(2-Chloroethyl)ether	7.257	93	612718	51.616	ng		98
12) 1,3-Dichlorobenzene	7.716	146	627169	47.138	ng		99
13) 1,4-Dichlorobenzene	7.863	146	636540	47.058	ng		100
14) 1,2-Dichlorobenzene	8.181	146	610440	44.692	ng		99
15) Benzyl Alcohol	8.075	79	606393	53.848	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.363	45	937303	65.337	ng		100
17) 2-Methylphenol	8.275	107	492381	49.497	ng		98
18) Hexachloroethane	8.904	117	237028	51.675	ng		99
19) n-Nitroso-di-n-propyla...	8.646	70	487644	52.615	ng		99
20) 3+4-Methylphenols	8.610	107	677963	49.180	ng		99
22) Acetophenone	8.652	105	870879	50.040	ng	#	99
24) Nitrobenzene	9.028	77	712754	58.329	ng		99
25) Isophorone	9.563	82	1283369	57.708	ng		100
26) 2-Nitrophenol	9.740	139	318631	51.076	ng		99
27) 2,4-Dimethylphenol	9.810	122	455048	49.382	ng		99
28) bis(2-Chloroethoxy)met...	10.040	93	814336	55.185	ng		100
29) 2,4-Dichlorophenol	10.281	162	556794	49.085	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	629310	48.485	ng		100
31) Naphthalene	10.675	128	1658932	47.480	ng		99
32) Benzoic acid	9.998	122	429215	53.901	ng		97
33) 4-Chloroaniline	10.787	127	704348	46.935	ng		99
34) Hexachlorobutadiene	10.963	225	430098	48.496	ng		98
35) Caprolactam	11.598	113	121767	48.879	ng		91
36) 4-Chloro-3-methylphenol	11.922	107	619625	48.341	ng		98
37) 2-Methylnaphthalene	12.287	142	1171246	45.872	ng		100
38) 1-Methylnaphthalene	12.504	142	1135728	45.605	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	708320	47.100	ng		100
41) Hexachlorocyclopentadiene	12.640	237	381941	55.314	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	493213	47.994	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	527329	47.228	ng	97
46) 1,1'-Biphenyl	13.298	154	1551388	46.020	ng	100
47) 2-Chloronaphthalene	13.339	162	1236829	46.900	ng	99
48) 2-Nitroaniline	13.551	65	449800	60.095	ng	99
49) Acenaphthylene	14.187	152	1891365	47.148	ng	99
50) Dimethylphthalate	13.934	163	1604260	44.926	ng	100
51) 2,6-Dinitrotoluene	14.051	165	343537	46.308	ng	97
52) Acenaphthene	14.534	154	1109717	46.214	ng	99
53) 3-Nitroaniline	14.381	138	359106	47.476	ng	98
54) 2,4-Dinitrophenol	14.586	184	232532	51.939	ng	98
55) Dibenzofuran	14.869	168	1883592	46.127	ng	99
56) 4-Nitrophenol	14.692	139	293004	47.532	ng	99
57) 2,4-Dinitrotoluene	14.839	165	469347	47.529	ng	99
58) Fluorene	15.516	166	1363415	41.965	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	461283m	45.358	ng	
60) Diethylphthalate	15.298	149	1585355	46.060	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	764536	43.510	ng	99
62) 4-Nitroaniline	15.545	138	361966	46.564	ng	99
63) Azobenzene	15.810	77	1650001	56.940	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	330515	53.483	ng	100
66) n-Nitrosodiphenylamine	15.733	169	1301584	48.224	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	514652	46.667	ng	99
68) Hexachlorobenzene	16.528	284	537222	43.252	ng	100
69) Atrazine	16.692	200	327096	46.484	ng	98
70) Pentachlorophenol	16.875	266	358963	47.394	ng	99
71) Phenanthrene	17.263	178	2317170	46.127	ng	100
72) Anthracene	17.357	178	2299663	46.697	ng	99
73) Carbazole	17.628	167	2173008	44.808	ng	100
74) Di-n-butylphthalate	18.186	149	2661745	48.498	ng	100
75) Fluoranthene	19.233	202	2713032	42.654	ng	99
77) Benzidine	19.416	184	615950	52.275	ng	100
78) Pyrene	19.586	202	2791621	60.788	ng	100
80) Butylbenzylphthalate	20.469	149	1142172	60.235	ng	99
81) Benzo(a)anthracene	21.304	228	2462670	48.711	ng	100
82) 3,3'-Dichlorobenzidine	21.233	252	1004064	43.027	ng	99
83) Chrysene	21.357	228	2327930	48.040	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	1512577	55.869	ng	100
85) Di-n-octyl phthalate	22.151	149	2662078	53.355	ng	100
87) Indeno(1,2,3-cd)pyrene	26.215	276	2311569	47.282	ng	100
88) Benzo(b)fluoranthene	22.980	252	2042419	50.672	ng	99
89) Benzo(k)fluoranthene	23.033	252	2107915	52.350	ng	100
90) Benzo(a)pyrene	23.610	252	1733317	50.278	ng	98
91) Dibenzo(a,h)anthracene	26.227	278	1914340	47.203	ng	100
92) Benzo(g,h,i)perylene	26.980	276	1926658	48.194	ng	100

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

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