Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062221\
Data File : BP006011.D
Acq On : 22 Jun 2021 18:33
Operator : CG/JU
Sample : PB137259BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB137259BSD

Manual Integrations APPROVED
mohammad
6/23/2021 4:43:49 PM

Quant Time: Jun 23 04:22:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	75926	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	297818	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	176054	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	361218	20.000	ng	0.00
76) Chrysene-d12	21.369	240	419599	20.000	ng	0.00
86) Perylene-d12	23.774	264	466560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	643837	136.069	ng	0.00
7) Phenol-d6	7.099	99	754848	123.081	ng	0.00
23) Nitrobenzene-d5	9.087	82	474898	78.178	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	389564	128.943	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1118883	83.454	ng	0.00
79) Terphenyl-d14	19.845	244	1753296	78.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	67539	31.594	ng	98
3) Pyridine	3.775	79	167550	33.348	ng	97
4) n-Nitrosodimethylamine	3.681	42	84608	36.228	ng	83
6) Aniline	7.252	93	250504	36.586	ng	98
8) 2-Chlorophenol	7.487	128	236013	43.503	ng	98
9) Benzaldehyde	7.063	77	120628	46.138	ng	95
10) Phenol	7.122	94	271377	44.295	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	203538	43.841	ng	99
12) 1,3-Dichlorobenzene	7.810	146	253801	41.838	ng	99
13) 1,4-Dichlorobenzene	7.957	146	258231	41.741	ng	99
14) 1,2-Dichlorobenzene	8.275	146	248294	41.988	ng	98
15) Benzyl Alcohol	8.169	79	194388	42.081	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.446	45	179597	41.848	ng	98
17) 2-Methylphenol	8.375	107	184755	44.259	ng	98
18) Hexachloroethane	8.999	117	92758	41.451	ng	94
19) n-Nitroso-di-n-propyla...	8.734	70	156230	41.408	ng	95
20) 3+4-Methylphenols	8.704	107	245383	43.518	ng	99
22) Acetophenone	8.752	105	330883	42.211	ng	98
24) Nitrobenzene	9.128	77	236726	37.529	ng	99
25) Isophorone	9.657	82	414860	36.982	ng	98
26) 2-Nitrophenol	9.840	139	120711	40.107	ng	96
27) 2,4-Dimethylphenol	9.904	122	203927	45.481	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	256831	43.867	ng	99
29) 2,4-Dichlorophenol	10.381	162	212684	39.471	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	235227	38.851	ng	100
31) Naphthalene	10.775	128	683512	39.666	ng	99
32) Benzoic acid	10.081	122	124978	38.623	ng	98
33) 4-Chloroaniline	10.893	127	151933	21.826	ng	99
34) Hexachlorobutadiene	11.057	225	156560	38.229	ng	99
35) Caprolactam	11.698	113	65142m	41.970	ng	
36) 4-Chloro-3-methylphenol	12.016	107	224651	41.060	ng	97
37) 2-Methylnaphthalene	12.381	142	489031	39.860	ng	98
38) 1-Methylnaphthalene	12.598	142	448294	38.792	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	265955	42.917	ng	99
41) Hexachlorocyclopentadiene	12.728	237	266461	85.195	ng	95
43) 2,4,6-Trichlorophenol	12.993	196	173519	40.823	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	188069	41.084	ng	97
46) 1,1'-Biphenyl	13.387	154	607500	42.797	ng	98
47) 2-Chloronaphthalene	13.428	162	478160	41.252	ng	99
48) 2-Nitroaniline	13.640	65	127883	41.961	ng	95
49) Acenaphthylene	14.275	152	753516	42.373	ng	99
50) Dimethylphthalate	14.010	163	599305	41.402	ng	100
51) 2,6-Dinitrotoluene	14.134	165	132953	40.410	ng	98
52) Acenaphthene	14.616	154	437726	40.533	ng	98
53) 3-Nitroaniline	14.463	138	94851	29.745	ng	99
54) 2,4-Dinitrophenol	14.675	184	120713	62.800	ng	99
55) Dibenzofuran	14.945	168	705804	39.742	ng	99
56) 4-Nitrophenol	14.781	139	202662	78.409	ng	96
57) 2,4-Dinitrotoluene	14.922	165	183496	41.700	ng	97
58) Fluorene	15.598	166	565578	40.873	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	161683m	40.076	ng	
60) Diethylphthalate	15.369	149	601978	41.450	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	291569	40.634	ng	98
62) 4-Nitroaniline	15.628	138	132884	40.487	ng	91
63) Azobenzene	15.881	77	516643	39.321	ng	96
65) 4,6-Dinitro-2-methylph...	15.686	198	88998	33.527	ng	96
66) n-Nitrosodiphenylamine	15.804	169	499373	41.689	ng	98
67) 4-Bromophenyl-phenylether	16.481	248	189832	40.945	ng	97
68) Hexachlorobenzene	16.604	284	231608	41.677	ng	95
69) Atrazine	16.757	200	191200	51.304	ng	97
70) Pentachlorophenol	16.951	266	269258	87.138	ng	99
71) Phenanthrene	17.339	178	886400	40.862	ng	99
72) Anthracene	17.428	178	899642	42.138	ng	99
73) Carbazole	17.704	167	823438	40.172	ng	99
74) Di-n-butylphthalate	18.245	149	998011	42.024	ng	99
75) Fluoranthene	19.298	202	1058585	40.183	ng	98
77) Benzidine	19.480	184	442490	50.680	ng	99
78) Pyrene	19.651	202	1106615	37.778	ng	99
80) Butylbenzylphthalate	20.516	149	469659	38.971	ng	98
81) Benzo(a)anthracene	21.351	228	1161438	38.345	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	360960	34.470	ng	99
83) Chrysene	21.404	228	1150615	39.221	ng	99
84) Bis(2-ethylhexyl)phtha...	21.269	149	707346	40.021	ng	99
85) Di-n-octyl phthalate	22.186	149	1271764	40.222	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	1776595	44.529	ng	99
88) Benzo(b)fluoranthene	23.039	252	1348643	42.204	ng	99
89) Benzo(k)fluoranthene	23.086	252	1297037	41.858	ng	99
90) Benzo(a)pyrene	23.668	252	1315361	43.783	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	1512166	44.035	ng	98
92) Benzo(g,h,i)perylene	27.092	276	1503728	44.328	ng	98

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

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