Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007185.D
Acq On : 25 Sep 2021 14:22
Operator : CG/JU
Sample : PB139339BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139339BS

Manual Integrations APPROVED
mohammad
9/27/2021 3:05:48 PM

Quant Time: Sep 26 02:13:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	249001	20.00	ng		-0.01
21) Naphthalene-d8	10.681	136	1007245	20.00	ng		#-0.01
39) Acenaphthene-d10	14.516	164	649989	20.00	ng		-0.01
64) Phenanthrene-d10	17.269	188	1353072	20.00	ng		# 0.00
76) Chrysene-d12	21.351	240	1323322	20.00	ng		# 0.00
86) Perylene-d12	23.763	264	1316319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	1713602	115.20	ng		0.00
7) Phenol-d6	7.058	99	2091538	102.88	ng		0.00
23) Nitrobenzene-d5	9.046	82	1221358	70.62	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	998686	118.51	ng		0.00
45) 2-Fluorobiphenyl	13.140	172	3112012	68.59	ng		-0.01
79) Terphenyl-d14	19.827	244	4915676	71.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	165510	27.51	ng	#	87
3) Pyridine	3.752	79	395023	24.00	ng	#	86
4) n-Nitrosodimethylamine	3.658	42	218396	38.70	ng	#	77
6) Aniline	7.210	93	818648	36.53	ng		99
8) 2-Chlorophenol	7.446	128	665948	41.19	ng		99
9) Benzaldehyde	7.022	77	345780m	30.19	ng		
10) Phenol	7.081	94	785530	40.08	ng		93
11) bis(2-Chloroethyl)ether	7.310	93	588299	38.02	ng		96
12) 1,3-Dichlorobenzene	7.769	146	690805	37.88	ng		97
13) 1,4-Dichlorobenzene	7.916	146	708647	38.12	ng		97
14) 1,2-Dichlorobenzene	8.234	146	684479	37.99	ng		97
15) Benzyl Alcohol	8.128	79	531354	40.81	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.410	45	662143	37.38	ng		90
17) 2-Methylphenol	8.328	107	538895	40.78	ng		94
18) Hexachloroethane	8.957	117	243898	39.08	ng		93
19) n-Nitroso-di-n-propyla...	8.693	70	409792	37.06	ng		98
20) 3+4-Methylphenols	8.663	107	719819	39.40	ng		95
22) Acetophenone	8.710	105	921003	37.95	ng		99
24) Nitrobenzene	9.087	77	637189	38.64	ng		96
25) Isophorone	9.616	82	1143671	37.92	ng		98
26) 2-Nitrophenol	9.799	139	360823	41.96	ng	#	88
27) 2,4-Dimethylphenol	9.863	122	588905	43.50	ng		98
28) bis(2-Chloroethoxy)met...	10.099	93	750033	35.25	ng		99
29) 2,4-Dichlorophenol	10.334	162	636220	40.28	ng		99
30) 1,2,4-Trichlorobenzene	10.546	180	675525	37.55	ng		99
31) Naphthalene	10.734	128	1917533	37.30	ng		100
32) Benzoic acid	10.028	122	442517	42.53	ng		93
33) 4-Chloroaniline	10.846	127	667711	31.44	ng		98
34) Hexachlorobutadiene	11.016	225	415567	38.58	ng		100
35) Caprolactam	11.657	113	203280m	41.84	ng		
36) 4-Chloro-3-methylphenol	11.975	107	629924	39.24	ng		97
37) 2-Methylnaphthalene	12.345	142	1394107	38.73	ng		96
38) 1-Methylnaphthalene	12.563	142	1292438	36.75	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	765702	38.47	ng		98
41) Hexachlorocyclopentadiene	12.693	237	874301	79.25	ng		98
43) 2,4,6-Trichlorophenol	12.951	196	525596	38.70	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	575348	39.34	ng		95
46) 1,1'-Biphenyl	13.351	154	1720455	35.59	ng		99
47) 2-Chloronaphthalene	13.393	162	1386158	37.01	ng		98
48) 2-Nitroaniline	13.598	65	366701	40.16	ng		92
49) Acenaphthylene	14.240	152	2196093	38.07	ng		100
50) Dimethylphthalate	13.981	163	1749308	37.42	ng		100
51) 2,6-Dinitrotoluene	14.098	165	396307	41.50	ng		87
52) Acenaphthene	14.581	154	1299076	37.17	ng		100
53) 3-Nitroaniline	14.428	138	352637	34.15	ng		97
54) 2,4-Dinitrophenol	14.634	184	507643	92.28	ng		90
55) Dibenzofuran	14.916	168	2107384	36.14	ng		95
56) 4-Nitrophenol	14.745	139	716216	85.44	ng	#	79
57) 2,4-Dinitrotoluene	14.887	165	544410	43.20	ng		88
58) Fluorene	15.563	166	1674561	37.17	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	501165	39.02	ng		95
60) Diethylphthalate	15.339	149	1728760	38.16	ng		98
61) 4-Chlorophenyl-phenyle...	15.557	204	880063	36.97	ng		93
62) 4-Nitroaniline	15.592	138	421106	40.55	ng	#	82
63) Azobenzene	15.851	77	1429080	36.41	ng		93
65) 4,6-Dinitro-2-methylph...	15.651	198	321680	39.62	ng		95
66) n-Nitrosodiphenylamine	15.775	169	1509482	37.49	ng		99
67) 4-Bromophenyl-phenylether	16.457	248	569549	38.41	ng		92
68) Hexachlorobenzene	16.575	284	647881	39.53	ng		95
69) Atrazine	16.733	200	577159	40.67	ng		97
70) Pentachlorophenol	16.922	266	843554	82.88	ng		99
71) Phenanthrene	17.310	178	2710042	37.35	ng		99
72) Anthracene	17.404	178	2759992	38.89	ng		99
73) Carbazole	17.675	167	2537646	36.49	ng		98
74) Di-n-butylphthalate	18.222	149	3047731	39.54	ng		99
75) Fluoranthene	19.275	202	3250163	38.88	ng		97
77) Benzidine	19.457	184	1570624	38.62	ng		100
78) Pyrene	19.627	202	3281730	37.80	ng		99
80) Butylbenzylphthalate	20.498	149	1373123	39.49	ng		96
81) Benzo(a)anthracene	21.339	228	3157576	36.76	ng		99
82) 3,3'-Dichlorobenzidine	21.269	252	1223309	41.47	ng		98
83) Chrysene	21.392	228	3085993	37.59	ng		98
84) Bis(2-ethylhexyl)phtha...	21.263	149	1978664	39.58	ng		97
85) Di-n-octyl phthalate	22.186	149	3481766	40.91	ng		99
87) Indeno(1,2,3-cd)pyrene	26.292	276	3863525	40.84	ng		97
88) Benzo(b)fluoranthene	23.027	252	3401453	43.24	ng		99
89) Benzo(k)fluoranthene	23.074	252	3189819m	40.05	ng		
90) Benzo(a)pyrene	23.657	252	3247922	48.60	ng	#	98
91) Dibenzo(a,h)anthracene	26.309	278	3333815	42.05	ng	#	97
92) Benzo(g,h,i)perylene	27.074	276	3315048	42.85	ng	#	96

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

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