Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007152.D
Acq On : 24 Sep 2021 10:52
Operator : CG/JU
Sample : PB139192BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139192BS

Manual Integrations APPROVED
mohammad
9/27/2021 3:04:09 PM

Quant Time: Sep 24 11:57:01 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	7.893	152	325446	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1352105	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	895757	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1900706	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1885617	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1902352	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	2253244	115.896	ng	0.00
7) Phenol-d6	7.063	99	2795102	105.189	ng	0.00
23) Nitrobenzene-d5	9.057	82	1631188	70.257	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1398057	120.387	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	4247534	67.933	ng	0.00
79) Terphenyl-d14	19.833	244	6777756	68.879	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	222513	28.302	ng	90
3) Pyridine	3.758	79	537855	25.000	ng	# 86
4) n-Nitrosodimethylamine	3.664	42	278699	37.787	ng	# 76
6) Aniline	7.216	93	1112734	37.990	ng	99
8) 2-Chlorophenol	7.458	128	888919	42.070	ng	99
9) Benzaldehyde	7.028	77	442755	29.580	ng	94
10) Phenol	7.093	94	1064691	41.559	ng	90
11) bis(2-Chloroethyl)ether	7.316	93	777942	38.469	ng	96
12) 1,3-Dichlorobenzene	7.781	146	905889	38.008	ng	96
13) 1,4-Dichlorobenzene	7.928	146	930235	38.284	ng	97
14) 1,2-Dichlorobenzene	8.240	146	902177	38.316	ng	98
15) Benzyl Alcohol	8.134	79	720372	42.328	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.428	45	876519	37.854	ng	90
17) 2-Methylphenol	8.340	107	730310	42.287	ng	93
18) Hexachloroethane	8.969	117	320459	39.282	ng	94
19) n-Nitroso-di-n-propyla...	8.705	70	554128	38.342	ng	96
20) 3+4-Methylphenols	8.669	107	986080	41.293	ng	96
22) Acetophenone	8.716	105	1231550	37.801	ng	# 98
24) Nitrobenzene	9.099	77	849716	38.386	ng	95
25) Isophorone	9.628	82	1575496	38.915	ng	98
26) 2-Nitrophenol	9.810	139	480705	41.646	ng	# 86
27) 2,4-Dimethylphenol	9.869	122	813317	44.751	ng	96
28) bis(2-Chloroethoxy)met...	10.104	93	1023505	35.834	ng	99
29) 2,4-Dichlorophenol	10.346	162	874277	41.238	ng	99
30) 1,2,4-Trichlorobenzene	10.557	180	908870	37.631	ng	97
31) Naphthalene	10.746	128	2576076	37.331	ng	100
32) Benzoic acid	10.040	122	590572	42.279	ng	94
33) 4-Chloroaniline	10.857	127	921623	32.327	ng	98
34) Hexachlorobutadiene	11.028	225	551577	38.142	ng	99
35) Caprolactam	11.663	113	285102m	43.713	ng	
36) 4-Chloro-3-methylphenol	11.981	107	873697	40.544	ng	97
37) 2-Methylnaphthalene	12.357	142	1917374	39.681	ng	96
38) 1-Methylnaphthalene	12.569	142	1770106	37.493	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	1043841	38.053	ng	98
41) Hexachlorocyclopentadiene	12.698	237	1181683	77.726	ng	99
43) 2,4,6-Trichlorophenol	12.963	196	730330	39.019	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	801242	39.752	ng		96
46) 1,1'-Biphenyl	13.363	154	2353111	35.317	ng		99
47) 2-Chloronaphthalene	13.404	162	1899701	36.807	ng		97
48) 2-Nitroaniline	13.610	65	511772	40.670	ng		88
49) Acenaphthylene	14.251	152	3024423	38.046	ng		100
50) Dimethylphthalate	13.987	163	2449340	38.018	ng		100
51) 2,6-Dinitrotoluene	14.104	165	550382	41.822	ng		90
52) Acenaphthene	14.592	154	1784900	37.060	ng		99
53) 3-Nitroaniline	14.434	138	503735	35.401	ng		95
54) 2,4-Dinitrophenol	14.645	184	684509	90.294	ng		89
55) Dibenzofuran	14.928	168	2898268	36.068	ng		96
56) 4-Nitrophenol	14.751	139	1004983	86.997	ng	#	79
57) 2,4-Dinitrotoluene	14.892	165	766866	44.158	ng		91
58) Fluorene	15.575	166	2292176	36.924	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	690805	39.030	ng		96
60) Diethylphthalate	15.351	149	2421381	38.787	ng		97
61) 4-Chlorophenyl-phenyle...	15.569	204	1210678	36.906	ng		92
62) 4-Nitroaniline	15.604	138	591889	41.361	ng	#	78
63) Azobenzene	15.863	77	1990564	36.796	ng		92
65) 4,6-Dinitro-2-methylph...	15.663	198	440308	38.602	ng		94
66) n-Nitrosodiphenylamine	15.787	169	2101053	37.151	ng		98
67) 4-Bromophenyl-phenylether	16.463	248	788990	37.875	ng		96
68) Hexachlorobenzene	16.586	284	898630	39.032	ng		95
69) Atrazine	16.745	200	811211	40.693	ng		97
70) Pentachlorophenol	16.928	266	1183851	82.800	ng		99
71) Phenanthrene	17.322	178	3764290	36.936	ng		99
72) Anthracene	17.410	178	3860767	38.725	ng		99
73) Carbazole	17.681	167	3536313	36.197	ng		98
74) Di-n-butylphthalate	18.233	149	4263272	39.377	ng	#	98
75) Fluoranthene	19.286	202	4524565	38.534	ng		97
77) Benzidine	19.463	184	2329543	40.201	ng		99
78) Pyrene	19.639	202	4655486	37.631	ng		99
80) Butylbenzylphthalate	20.510	149	1984834	40.062	ng		92
81) Benzo(a)anthracene	21.351	228	4525458	36.974	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1706259	40.592	ng		98
83) Chrysene	21.404	228	4370570	37.363	ng		98
84) Bis(2-ethylhexyl)phtha...	21.269	149	2773167	38.933	ng		98
85) Di-n-octyl phthalate	22.198	149	4994300	41.184	ng		99
87) Indeno(1,2,3-cd)pyrene	26.321	276	5380996	39.360	ng	#	96
88) Benzo(b)fluoranthene	23.045	252	4909220	43.181	ng		98
89) Benzo(k)fluoranthene	23.092	252	4545530m	39.490	ng		
90) Benzo(a)pyrene	23.674	252	4650171	48.145	ng	#	98
91) Dibenzo(a,h)anthracene	26.339	278	4646528	40.556	ng	#	97
92) Benzo(g,h,i)perylene	27.098	276	4528745	40.505	ng	#	95

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

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