Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092121\
Data File : BP007086.D
Acq On : 21 Sep 2021 19:37
Operator : CG/JU
Sample : PB139176BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139176BSD

Manual Integrations APPROVED
mohammad
9/22/2021 4:42:45 PM

Quant Time: Sep 22 03:13:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	305126	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	1268181	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	806471	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1616100	20.000	ng	#	0.00
76) Chrysene-d12	21.363	240	1554807	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1584554	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2337123	128.216	ng		0.00
7) Phenol-d6	7.069	99	2912926	116.923	ng		0.00
23) Nitrobenzene-d5	9.063	82	1647956	75.676	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	1213949	116.106	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	4189477	74.422	ng		0.00
79) Terphenyl-d14	19.839	244	6153627	75.842	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	246215	33.402	ng	#	88
3) Pyridine	3.770	79	632237	31.344	ng	#	88
4) n-Nitrosodimethylamine	3.675	42	294391	42.572	ng	#	78
6) Aniline	7.228	93	1156509	42.114	ng		98
8) 2-Chlorophenol	7.463	128	881843	44.514	ng		97
9) Benzaldehyde	7.040	77	502342m	35.795	ng		
10) Phenol	7.099	94	1082079	45.050	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	797012	42.037	ng		96
12) 1,3-Dichlorobenzene	7.793	146	916270	41.004	ng		96
13) 1,4-Dichlorobenzene	7.940	146	934940	41.040	ng		98
14) 1,2-Dichlorobenzene	8.258	146	904117	40.955	ng		97
15) Benzyl Alcohol	8.146	79	705002	44.183	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	943424	43.457	ng		90
17) 2-Methylphenol	8.346	107	724886	44.768	ng		93
18) Hexachloroethane	8.981	117	322637	42.183	ng		97
19) n-Nitroso-di-n-propyla...	8.716	70	568218	41.935	ng		97
20) 3+4-Methylphenols	8.675	107	979885	43.766	ng		95
22) Acetophenone	8.728	105	1227290	40.164	ng	#	98
24) Nitrobenzene	9.105	77	855919	41.225	ng		96
25) Isophorone	9.640	82	1546711	40.733	ng		98
26) 2-Nitrophenol	9.816	139	452522	41.799	ng	#	87
27) 2,4-Dimethylphenol	9.881	122	806685	47.324	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	1039091	38.787	ng		98
29) 2,4-Dichlorophenol	10.352	162	847862	42.639	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	880917	38.888	ng		98
31) Naphthalene	10.752	128	2573828	39.767	ng		99
32) Benzoic acid	10.022	122	541485	41.330	ng		94
33) 4-Chloroaniline	10.863	127	784369	29.334	ng		99
34) Hexachlorobutadiene	11.040	225	519083	38.271	ng		100
35) Caprolactam	11.663	113	257409m	42.078	ng		
36) 4-Chloro-3-methylphenol	11.987	107	852303	42.169	ng		98
37) 2-Methylnaphthalene	12.363	142	1886668	41.630	ng		95
38) 1-Methylnaphthalene	12.581	142	1744178	39.388	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	982593	39.786	ng		98
41) Hexachlorocyclopentadiene	12.710	237	1281852	93.649	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	683940	40.586	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	748833	41.265	ng		97
46) 1,1'-Biphenyl	13.369	154	2301265	38.363	ng		99
47) 2-Chloronaphthalene	13.410	162	1845919	39.725	ng		97
48) 2-Nitroaniline	13.610	65	488645	43.131	ng		96
49) Acenaphthylene	14.251	152	2936242	41.026	ng		100
50) Dimethylphthalate	13.993	163	2307577	39.783	ng		100
51) 2,6-Dinitrotoluene	14.110	165	510842	43.115	ng		91
52) Acenaphthene	14.598	154	1741735	40.167	ng		99
53) 3-Nitroaniline	14.440	138	441744	34.482	ng		96
54) 2,4-Dinitrophenol	14.645	184	616263	90.292	ng		88
55) Dibenzofuran	14.934	168	2801801	38.727	ng		94
56) 4-Nitrophenol	14.745	139	936334	90.028	ng	#	80
57) 2,4-Dinitrotoluene	14.898	165	698481	44.673	ng		89
58) Fluorene	15.581	166	2226481	39.836	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	621905m	39.027	ng		
60) Diethylphthalate	15.357	149	2251933	40.067	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	1155180	39.113	ng		91
62) 4-Nitroaniline	15.604	138	535978	41.600	ng	#	77
63) Azobenzene	15.869	77	1944418	39.923	ng		92
65) 4,6-Dinitro-2-methylph...	15.657	198	380457	39.229	ng		97
66) n-Nitrosodiphenylamine	15.787	169	1987426	41.331	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	712654	40.235	ng		95
68) Hexachlorobenzene	16.587	284	809937	41.375	ng		98
69) Atrazine	16.745	200	716480	42.271	ng		98
70) Pentachlorophenol	16.928	266	1066063	87.692	ng		99
71) Phenanthrene	17.322	178	3514922	40.563	ng		100
72) Anthracene	17.416	178	3580490	42.238	ng		99
73) Carbazole	17.686	167	3253520	39.168	ng		99
74) Di-n-butylphthalate	18.239	149	3765382	40.903	ng		99
75) Fluoranthene	19.286	202	4061823	40.685	ng		97
77) Benzidine	19.469	184	2685428	56.202	ng		99
78) Pyrene	19.639	202	4220049	41.369	ng		99
80) Butylbenzylphthalate	20.510	149	1667510	40.819	ng		99
81) Benzo(a)anthracene	21.351	228	4015937	39.793	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1370513	39.542	ng		99
83) Chrysene	21.404	228	3908984	40.527	ng		98
84) Bis(2-ethylhexyl)phtha...	21.275	149	2464891	41.968	ng		97
85) Di-n-octyl phthalate	22.198	149	4249607	42.499	ng		100
87) Indeno(1,2,3-cd)pyrene	26.310	276	5007174	43.971	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	4193367	44.282	ng	#	98
89) Benzo(k)fluoranthene	23.092	252	4151853	43.304	ng	#	98
90) Benzo(a)pyrene	23.674	252	4113555	51.130	ng	#	97
91) Dibenzo(a,h)anthracene	26.327	278	4274043	44.787	ng	#	96
92) Benzo(g,h,i)perylene	27.086	276	4204539	45.148	ng	#	94

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

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