Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007324.D
Acq On : 05 Oct 2021 13:23
Operator : CG/JU
Sample : PB139587BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139587BSD

Manual Integrations APPROVED
mohammad
10/8/2021 8:32:29 AM

Quant Time: Oct 05 14:55:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	173378	20.00	ng		0.00
21) Naphthalene-d8	10.663	136	652838	20.00	ng		# 0.00
39) Acenaphthene-d10	14.498	164	396940	20.00	ng		0.00
64) Phenanthrene-d10	17.251	188	801792	20.00	ng		# 0.00
76) Chrysene-d12	21.339	240	791531	20.00	ng		# 0.00
86) Perylene-d12	23.745	264	832636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1376546	132.90	ng		0.00
7) Phenol-d6	7.046	99	1638923	115.78	ng		0.00
23) Nitrobenzene-d5	9.028	82	966206	86.19	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	678400	131.83	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2326923	83.98	ng		0.00
79) Terphenyl-d14	19.810	244	3636813	88.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	150171	35.85	ng	#	86
3) Pyridine	3.746	79	386783	33.75	ng	#	86
4) n-Nitrosodimethylamine	3.652	42	193521	49.25	ng	#	89
6) Aniline	7.193	93	631058	40.44	ng		99
8) 2-Chlorophenol	7.428	128	487700	43.33	ng		96
9) Benzaldehyde	7.005	77	292255m	36.65	ng		
10) Phenol	7.075	94	582107	42.65	ng		92
11) bis(2-Chloroethyl)ether	7.287	93	443151	41.13	ng		95
12) 1,3-Dichlorobenzene	7.752	146	529602	41.71	ng		97
13) 1,4-Dichlorobenzene	7.899	146	542066	41.88	ng		98
14) 1,2-Dichlorobenzene	8.211	146	520282	41.48	ng		97
15) Benzyl Alcohol	8.111	79	398367	43.94	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.399	45	519374	42.10	ng		90
17) 2-Methylphenol	8.316	107	388080	42.18	ng		95
18) Hexachloroethane	8.934	117	191307	44.02	ng		95
19) n-Nitroso-di-n-propyla...	8.675	70	308209	40.03	ng		99
20) 3+4-Methylphenols	8.646	107	520878	40.94	ng		94
22) Acetophenone	8.693	105	684234	43.50	ng	#	99
24) Nitrobenzene	9.069	77	483383	45.23	ng		98
25) Isophorone	9.599	82	849762	43.47	ng		99
26) 2-Nitrophenol	9.781	139	255566	45.86	ng		91
27) 2,4-Dimethylphenol	9.846	122	426683	48.62	ng		96
28) bis(2-Chloroethoxy)met...	10.075	93	547159	39.68	ng		99
29) 2,4-Dichlorophenol	10.322	162	442722	43.25	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	488791	41.92	ng		98
31) Naphthalene	10.710	128	1402574	42.10	ng		100
32) Benzoic acid	10.022	122	255552	37.89	ng		97
33) 4-Chloroaniline	10.828	127	470742	34.20	ng		99
34) Hexachlorobutadiene	10.993	225	299905	42.95	ng		98
35) Caprolactam	11.640	113	142844	45.36	ng	#	73
36) 4-Chloro-3-methylphenol	11.963	107	445710	42.84	ng		99
37) 2-Methylnaphthalene	12.322	142	1004926	43.07	ng		97
38) 1-Methylnaphthalene	12.540	142	924442	40.55	ng		99
40) 1,2,4,5-Tetrachloroben...	12.693	216	530705	43.66	ng		99
41) Hexachlorocyclopentadiene	12.669	237	534125	79.28	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	352559	42.51	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	381502	42.71	ng		98
46) 1,1'-Biphenyl	13.334	154	1212898	41.08	ng		99
47) 2-Chloronaphthalene	13.375	162	974644	42.61	ng		97
48) 2-Nitroaniline	13.587	65	272509	48.87	ng		96
49) Acenaphthylene	14.222	152	1550996	44.03	ng		100
50) Dimethylphthalate	13.963	163	1221340	42.78	ng		100
51) 2,6-Dinitrotoluene	14.081	165	270531	46.39	ng		98
52) Acenaphthene	14.563	154	907365	42.51	ng		100
53) 3-Nitroaniline	14.410	138	231298	36.68	ng		99
54) 2,4-Dinitrophenol	14.634	184	305152	90.84	ng		95
55) Dibenzofuran	14.898	168	1462382	41.07	ng		96
56) 4-Nitrophenol	14.740	139	437811	85.53	ng	#	87
57) 2,4-Dinitrotoluene	14.875	165	370946	48.20	ng		97
58) Fluorene	15.545	166	1179823	42.89	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	328660	41.90	ng		97
60) Diethylphthalate	15.322	149	1204808	43.55	ng		99
61) 4-Chlorophenyl-phenyle...	15.540	204	604211	41.56	ng		92
62) 4-Nitroaniline	15.581	138	290792	45.86	ng	#	83
63) Azobenzene	15.834	77	1063830	44.38	ng		97
65) 4,6-Dinitro-2-methylph...	15.645	198	193704	40.26	ng		95
66) n-Nitrosodiphenylamine	15.757	169	1036466	43.45	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	370872	42.20	ng		95
68) Hexachlorobenzene	16.557	284	422178	43.47	ng		98
69) Atrazine	16.722	200	391779	46.59	ng		97
70) Pentachlorophenol	16.910	266	486144	80.60	ng		99
71) Phenanthrene	17.298	178	1873909	43.59	ng		99
72) Anthracene	17.387	178	1917411	45.59	ng		99
73) Carbazole	17.663	167	1766227	42.86	ng		99
74) Di-n-butylphthalate	18.210	149	2078564	45.51	ng		99
75) Fluoranthene	19.263	202	2224684	44.91	ng		98
77) Benzidine	19.445	184	1550736	63.75	ng		99
78) Pyrene	19.616	202	2290615	44.11	ng		98
80) Butylbenzylphthalate	20.486	149	955008	45.92	ng		97
81) Benzo(a)anthracene	21.327	228	2203592	42.89	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	769794	43.63	ng		98
83) Chrysene	21.380	228	2147819	43.74	ng		98
84) Bis(2-ethylhexyl)phtha...	21.245	149	1389315	46.47	ng		98
85) Di-n-octyl phthalate	22.163	149	2432552	47.79	ng		100
87) Indeno(1,2,3-cd)pyrene	26.274	276	2720522	45.47	ng	#	96
88) Benzo(b)fluoranthene	23.010	252	2284334	45.91	ng	#	99
89) Benzo(k)fluoranthene	23.057	252	2261155	44.88	ng	#	98
90) Benzo(a)pyrene	23.639	252	2253598	53.31	ng	#	98
91) Dibenzo(a,h)anthracene	26.286	278	2314593	46.16	ng	#	96
92) Benzo(g,h,i)perylene	27.051	276	2243841	45.85	ng	#	95

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

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