Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007335.D
Acq On : 05 Oct 2021 20:39
Operator : CG/JU
Sample : M4046-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)MSD

Manual Integrations APPROVED
mohammad
10/8/2021 8:32:54 AM

Quant Time: Oct 06 05:26:02 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	7.857	152	144674	20.00	ng		0.00
21) Naphthalene-d8	10.657	136	547794	20.00	ng		# 0.00
39) Acenaphthene-d10	14.492	164	329083	20.00	ng		0.00
64) Phenanthrene-d10	17.245	188	659734	20.00	ng		# 0.00
76) Chrysene-d12	21.333	240	678119	20.00	ng		# 0.00
86) Perylene-d12	23.739	264	815469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	804422	93.08	ng		-0.01
7) Phenol-d6	7.040	99	1009186	85.43	ng		-0.01
23) Nitrobenzene-d5	9.022	82	601158	63.91	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	363324	85.16	ng		-0.01
45) 2-Fluorobiphenyl	13.116	172	1396258	60.78	ng		-0.01
79) Terphenyl-d14	19.804	244	1950478	55.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	155276	44.43	ng	#	88
3) Pyridine	3.740	79	361178	37.76	ng	#	87
4) n-Nitrosodimethylamine	3.646	42	175183	53.43	ng	#	89
6) Aniline	7.187	93	513571	39.44	ng		99
8) 2-Chlorophenol	7.428	128	438216	46.65	ng		98
9) Benzaldehyde	7.004	77	252117m	37.89	ng		
10) Phenol	7.069	94	529596	46.50	ng		93
11) bis(2-Chloroethyl)ether	7.287	93	400485	44.55	ng		95
12) 1,3-Dichlorobenzene	7.745	146	480790	45.38	ng		98
13) 1,4-Dichlorobenzene	7.892	146	485110	44.91	ng		98
14) 1,2-Dichlorobenzene	8.210	146	464893	44.41	ng		98
15) Benzyl Alcohol	8.110	79	355411	46.98	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.387	45	452120	43.92	ng		89
17) 2-Methylphenol	8.316	107	353378	46.03	ng		95
18) Hexachloroethane	8.934	117	170982	47.15	ng		94
19) n-Nitroso-di-n-propyla...	8.669	70	277551	43.20	ng		97
20) 3+4-Methylphenols	8.639	107	472466	44.51	ng		92
22) Acetophenone	8.687	105	610919	46.28	ng		99
24) Nitrobenzene	9.063	77	433705	48.36	ng		99
25) Isophorone	9.592	82	752462	45.88	ng		99
26) 2-Nitrophenol	9.775	139	227369	48.62	ng		91
27) 2,4-Dimethylphenol	9.839	122	381611	51.83	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	487862	42.16	ng		99
29) 2,4-Dichlorophenol	10.316	162	400683	46.65	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	432258	44.18	ng		99
31) Naphthalene	10.710	128	1279478	45.77	ng		99
32) Benzoic acid	10.010	122	263016	46.48	ng		97
33) 4-Chloroaniline	10.828	127	277432	24.02	ng		99
34) Hexachlorobutadiene	10.986	225	260095	44.39	ng		99
35) Caprolactam	11.633	113	121059	45.81	ng	#	73
36) 4-Chloro-3-methylphenol	11.963	107	396374	45.40	ng		98
37) 2-Methylnaphthalene	12.322	142	911743	46.57	ng		96
38) 1-Methylnaphthalene	12.539	142	839183	43.87	ng		99
40) 1,2,4,5-Tetrachloroben...	12.692	216	469853	46.62	ng		98
41) Hexachlorocyclopentadiene	12.663	237	375673	67.26	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	313015	45.52	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	342524	46.26	ng		96
46) 1,1'-Biphenyl	13.327	154	1092982	44.65	ng		99
47) 2-Chloronaphthalene	13.369	162	877367	46.27	ng		97
48) 2-Nitroaniline	13.580	65	241090	52.15	ng		99
49) Acenaphthylene	14.216	152	1378019	47.19	ng		99
50) Dimethylphthalate	13.957	163	1048237	44.29	ng		99
51) 2,6-Dinitrotoluene	14.080	165	231270	47.83	ng		95
52) Acenaphthene	14.557	154	854603	48.30	ng		99
53) 3-Nitroaniline	14.410	138	182001	34.82	ng		99
54) 2,4-Dinitrophenol	14.627	184	284035	101.99	ng		95
55) Dibenzofuran	14.892	168	1366405	46.29	ng		96
56) 4-Nitrophenol	14.739	139	392675	92.53	ng		89
57) 2,4-Dinitrotoluene	14.869	165	320427	50.22	ng		97
58) Fluorene	15.545	166	1111087	48.72	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.127	232	284989	43.83	ng		95
60) Diethylphthalate	15.316	149	1035766	45.16	ng		99
61) 4-Chlorophenyl-phenyle...	15.533	204	530101	43.99	ng		94
62) 4-Nitroaniline	15.574	138	247294	47.04	ng	#	83
63) Azobenzene	15.833	77	927439	46.67	ng		95
65) 4,6-Dinitro-2-methylph...	15.639	198	175163	44.24	ng		96
66) n-Nitrosodiphenylamine	15.757	169	909766	46.35	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	320182	44.28	ng		96
68) Hexachlorobenzene	16.551	284	369690	46.26	ng		100
69) Atrazine	16.716	200	333900	48.26	ng		99
70) Pentachlorophenol	16.904	266	416011	83.83	ng		98
71) Phenanthrene	17.292	178	2655053	75.06	ng		99
72) Anthracene	17.380	178	1893983	54.73	ng		99
73) Carbazole	17.657	167	1663651	49.06	ng		98
74) Di-n-butylphthalate	18.204	149	1788262	47.59	ng		99
75) Fluoranthene	19.257	202	3139809	77.04	ng		97
77) Benzidine	19.439	184	1002104	48.09	ng		99
78) Pyrene	19.609	202	2984165	67.07	ng		98
80) Butylbenzylphthalate	20.480	149	827564	46.45	ng		97
81) Benzo(a)anthracene	21.321	228	2486747	56.50	ng		99
82) 3,3'-Dichlorobenzidine	21.251	252	688582	45.55	ng		99
83) Chrysene	21.374	228	2393402	56.89	ng		98
84) Bis(2-ethylhexyl)phtha...	21.239	149	1225903	47.86	ng		99
85) Di-n-octyl phthalate	22.162	149	2179090	49.97	ng		99
87) Indeno(1,2,3-cd)pyrene	26.262	276	3283402	56.03	ng		96
88) Benzo(b)fluoranthene	23.003	252	2855379	58.59	ng		98
89) Benzo(k)fluoranthene	23.050	252	2531105	51.30	ng	#	98
90) Benzo(a)pyrene	23.633	252	2787190	67.32	ng	#	98
91) Dibenzo(a,h)anthracene	26.268	278	2555188	52.03	ng	#	96
92) Benzo(g,h,i)perylene	27.033	276	2811426	58.66	ng	#	95

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

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