Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005712.D
Acq On : 04 Jun 2021 14:45
Operator : CG/JU
Sample : M2611-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
T-1MSD

Manual Integrations APPROVED
mohammad
6/7/2021 12:25:16 PM

Quant Time: Jun 04 15:17:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	126823	20.000	ng		-0.01
21) Naphthalene-d8	10.786	136	503156	20.000	ng		#-0.01
39) Acenaphthene-d10	14.604	164	314750	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	688116	20.000	ng		# 0.00
76) Chrysene-d12	21.421	240	745636	20.000	ng		# 0.00
86) Perylene-d12	23.856	264	862301	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	645511	79.133	ng		0.00
7) Phenol-d6	7.146	99	813294	73.136	ng		0.00
23) Nitrobenzene-d5	9.145	82	515014	56.924	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	407758	101.030	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	1173358	49.336	ng		0.00
79) Terphenyl-d14	19.892	244	1917443	48.254	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	115803	31.018	ng		90
3) Pyridine	3.816	79	310138	33.558	ng	#	91
4) n-Nitrosodimethylamine	3.722	42	169695	41.227	ng	#	24
6) Aniline	7.304	93	539594	41.509	ng		96
8) 2-Chlorophenol	7.545	128	404917	44.332	ng		95
9) Benzaldehyde	7.116	77	252196	52.381	ng		92
10) Phenol	7.169	94	492992	43.421	ng		99
11) bis(2-Chloroethyl)ether	7.398	93	352702	40.235	ng		99
12) 1,3-Dichlorobenzene	7.869	146	424596	40.953	ng		99
13) 1,4-Dichlorobenzene	8.016	146	433602	41.266	ng		96
14) 1,2-Dichlorobenzene	8.334	146	416599	41.456	ng		99
15) Benzyl Alcohol	8.222	79	355075	44.514	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.516	45	378842	37.753	ng		84
17) 2-Methylphenol	8.428	107	325686	44.064	ng		96
18) Hexachloroethane	9.063	117	156857	42.067	ng		91
19) n-Nitroso-di-n-propyla...	8.792	70	281527	39.800	ng		97
20) 3+4-Methylphenols	8.757	107	439353	44.619	ng		94
22) Acetophenone	8.810	105	565962	42.169	ng	#	98
24) Nitrobenzene	9.187	77	429839	42.772	ng		90
25) Isophorone	9.716	82	746242	37.152	ng	#	98
26) 2-Nitrophenol	9.898	139	208440	53.708	ng	#	82
27) 2,4-Dimethylphenol	9.963	122	361899	46.940	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	455335	42.120	ng		98
29) 2,4-Dichlorophenol	10.439	162	381339	45.988	ng		99
30) 1,2,4-Trichlorobenzene	10.651	180	404121	41.146	ng		98
31) Naphthalene	10.839	128	1176218	39.255	ng		98
32) Benzoic acid	10.116	122	269654	61.841	ng		96
33) 4-Chloroaniline	10.945	127	392589	31.466	ng	#	90
34) Hexachlorobutadiene	11.122	225	257707	42.010	ng		98
35) Caprolactam	11.745	113	124769	54.945	ng	#	71
36) 4-Chloro-3-methylphenol	12.069	107	394222	45.166	ng		95
37) 2-Methylnaphthalene	12.445	142	854843	40.264	ng	#	87
38) 1-Methylnaphthalene	12.663	142	787338	39.087	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.810	216	470441	44.806	ng		97
41) Hexachlorocyclopentadiene	12.786	237	502657	85.992	ng		97
43) 2,4,6-Trichlorophenol	13.045	196	320534	50.332	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	349071	50.688	ng	#	94
46) 1,1'-Biphenyl	13.445	154	1092341	42.741	ng		99
47) 2-Chloronaphthalene	13.486	162	848530	40.845	ng		100
48) 2-Nitroaniline	13.686	65	252898	50.975	ng	#	79
49) Acenaphthylene	14.327	152	1370341	42.319	ng		99
50) Dimethylphthalate	14.063	163	1066706	42.608	ng		99
51) 2,6-Dinitrotoluene	14.180	165	235948	43.233	ng	#	67
52) Acenaphthene	14.669	154	805460	38.265	ng		96
53) 3-Nitroaniline	14.510	138	203543	38.036	ng	#	81
54) 2,4-Dinitrophenol	14.722	184	239030	102.322	ng		94
55) Dibenzofuran	15.004	168	1296979	40.199	ng		96
56) 4-Nitrophenol	14.822	139	452573	96.122	ng	#	57
57) 2,4-Dinitrotoluene	14.969	165	329695	48.181	ng	#	65
58) Fluorene	15.651	166	1048923	40.663	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	308938m	51.850	ng		
60) Diethylphthalate	15.422	149	1089328	43.366	ng		98
61) 4-Chlorophenyl-phenyle...	15.639	204	537358	41.666	ng		98
62) 4-Nitroaniline	15.669	138	262900	46.022	ng	#	48
63) Azobenzene	15.933	77	1021699	38.842	ng		96
65) 4,6-Dinitro-2-methylph...	15.733	198	159956	46.530	ng		91
66) n-Nitrosodiphenylamine	15.857	169	924905	39.446	ng	#	93
67) 4-Bromophenyl-phenylether	16.533	248	357276	43.099	ng		95
68) Hexachlorobenzene	16.657	284	429224	43.486	ng		95
69) Atrazine	16.810	200	353067	52.690	ng		97
70) Pentachlorophenol	17.004	266	533011	107.671	ng		96
71) Phenanthrene	17.392	178	1718306	40.082	ng		100
72) Anthracene	17.486	178	1777785	41.999	ng		100
73) Carbazole	17.751	167	1634764	39.241	ng		100
74) Di-n-butylphthalate	18.292	149	1952650	43.769	ng	#	92
75) Fluoranthene	19.351	202	2130667	41.403	ng		97
77) Benzidine	19.527	184	1420799	100.335	ng		99
78) Pyrene	19.698	202	2195723	41.733	ng		100
80) Butylbenzylphthalate	20.562	149	922693	43.756	ng	#	92
81) Benzo(a)anthracene	21.404	228	2189340	40.009	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	833614	47.163	ng	#	96
83) Chrysene	21.457	228	2147355	40.525	ng		98
84) Bis(2-ethylhexyl)phtha...	21.315	149	1338126	45.022	ng	#	95
85) Di-n-octyl phthalate	22.251	149	2363612	47.317	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.433	276	3096303	42.204	ng	#	92
88) Benzo(b)fluoranthene	23.109	252	2454363	39.229	ng	#	97
89) Benzo(k)fluoranthene	23.156	252	2375648	40.071	ng	#	97
90) Benzo(a)pyrene	23.750	252	2385881	41.918	ng	#	96
91) Dibenzo(a,h)anthracene	26.444	278	2638352	41.439	ng	#	95
92) Benzo(g,h,i)perylene	27.227	276	2608899	42.484	ng	#	93

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

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