Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
Data File : BP005691.D
Acq On : 03 Jun 2021 17:32
Operator : CG/JU
Sample : M2569-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA1MSD

Manual Integrations APPROVED
mohammad
6/4/2021 9:34:37 AM

Quant Time: Jun 03 18:09:04 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	164979	20.00	ng		-0.01
21) Naphthalene-d8	10.793	136	614140	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	360066	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	725383	20.00	ng		# 0.00
76) Chrysene-d12	21.421	240	769892	20.00	ng		# 0.00
86) Perylene-d12	23.862	264	878147	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1362673	128.42	ng		0.00
7) Phenol-d6	7.152	99	1553426	107.38	ng		0.00
23) Nitrobenzene-d5	9.151	82	1143127	103.52	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	766050	165.92	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	2460182	90.42	ng		0.00
79) Terphenyl-d14	19.892	244	3634279	88.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	177059	36.46	ng		90
3) Pyridine	3.822	79	198825	16.54	ng	#	92
4) n-Nitrosodimethylamine	3.722	42	229614	42.88	ng	#	26
6) Aniline	7.305	93	228098	13.49	ng		95
8) 2-Chlorophenol	7.546	128	541185	45.55	ng		94
9) Benzaldehyde	7.116	77	409438	65.37	ng		91
10) Phenol	7.175	94	586593	39.72	ng		99
11) bis(2-Chloroethyl)ether	7.405	93	498255	43.69	ng		98
12) 1,3-Dichlorobenzene	7.875	146	575489	42.67	ng		98
13) 1,4-Dichlorobenzene	8.022	146	583287	42.67	ng		97
14) 1,2-Dichlorobenzene	8.340	146	562382	43.02	ng		99
15) Benzyl Alcohol	8.222	79	481945	46.45	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.516	45	551090	42.22	ng		83
17) 2-Methylphenol	8.428	107	422257	43.92	ng		96
18) Hexachloroethane	9.069	117	216837	44.70	ng		90
19) n-Nitroso-di-n-propyla...	8.793	70	383629	41.69	ng		97
20) 3+4-Methylphenols	8.757	107	559664	43.69	ng		95
22) Acetophenone	8.810	105	769284	46.96	ng	#	98
24) Nitrobenzene	9.193	77	615117	50.15	ng		92
25) Isophorone	9.722	82	1014108	41.36	ng	#	98
26) 2-Nitrophenol	9.904	139	275416	57.80	ng	#	80
27) 2,4-Dimethylphenol	9.963	122	389650	41.41	ng		98
28) bis(2-Chloroethoxy)met...	10.198	93	624777	47.35	ng		98
29) 2,4-Dichlorophenol	10.440	162	492956	48.71	ng		98
30) 1,2,4-Trichlorobenzene	10.657	180	529113	44.14	ng		98
31) Naphthalene	10.840	128	1572517	43.00	ng		98
32) Benzoic acid	10.110	122	266458	51.02	ng		96
33) 4-Chloroaniline	10.951	127	138808	9.12	ng	#	90
34) Hexachlorobutadiene	11.128	225	340281	45.45	ng		97
35) Caprolactam	11.740	113	120439m	43.45	ng		
36) 4-Chloro-3-methylphenol	12.075	107	489522	45.95	ng		93
37) 2-Methylnaphthalene	12.445	142	1113621	42.97	ng	#	88
38) 1-Methylnaphthalene	12.663	142	1019041	41.45	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.816	216	593829	49.44	ng	#	96
41) Hexachlorocyclopentadiene	12.792	237	768777	114.97	ng		97
43) 2,4,6-Trichlorophenol	13.051	196	390204	53.56	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	423336	53.74	ng	#	93
46) 1,1'-Biphenyl	13.445	154	1425011	48.74	ng		99
47) 2-Chloronaphthalene	13.492	162	1062346	44.70	ng		99
48) 2-Nitroaniline	13.687	65	72984	16.21	ng	#	80
49) Acenaphthylene	14.334	152	1684247	45.47	ng		100
50) Dimethylphthalate	14.069	163	1315090	45.92	ng		99
51) 2,6-Dinitrotoluene	14.181	165	288690	45.89	ng	#	68
52) Acenaphthene	14.669	154	998431	41.46	ng		96
53) 3-Nitroaniline	14.504	138	84041	16.06	ng		82
54) 2,4-Dinitrophenol	14.722	184	317508	117.76	ng		93
55) Dibenzofuran	15.004	168	1585620	42.96	ng		99
56) 4-Nitrophenol	14.822	139	483157	89.95	ng	#	57
57) 2,4-Dinitrotoluene	14.969	165	392462	49.96	ng	#	66
58) Fluorene	15.651	166	1294596	43.87	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.228	232	363119m	53.27	ng		
60) Diethylphthalate	15.422	149	1299770	45.23	ng		99
61) 4-Chlorophenyl-phenyle...	15.645	204	665837	45.13	ng		100
62) 4-Nitroaniline	15.663	138	58271	11.84	ng	#	40
63) Azobenzene	15.939	77	1257344	41.78	ng		94
65) 4,6-Dinitro-2-methylph...	15.733	198	205661	53.39	ng		91
66) n-Nitrosodiphenylamine	15.857	169	1091826	44.17	ng		93
67) 4-Bromophenyl-phenylether	16.539	248	422288	48.32	ng		98
68) Hexachlorobenzene	16.657	284	500532	48.11	ng	#	94
69) Atrazine	16.810	200	418977	59.31	ng		96
70) Pentachlorophenol	17.004	266	575487	110.28	ng		96
71) Phenanthrene	17.398	178	1987664	43.98	ng		100
72) Anthracene	17.486	178	2022486	45.33	ng		100
73) Carbazole	17.751	167	1861982	42.40	ng		100
74) Di-n-butylphthalate	18.298	149	2223019	47.27	ng	#	92
75) Fluoranthene	19.351	202	2379990	43.87	ng		96
77) Benzidine	19.522	184	58658	4.01	ng		97
78) Pyrene	19.704	202	2478542	45.62	ng		100
80) Butylbenzylphthalate	20.563	149	1032612	47.08	ng	#	92
81) Benzo(a)anthracene	21.404	228	2456046	43.47	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	71243	3.90	ng	#	94
83) Chrysene	21.457	228	2407363	44.00	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1513302	49.31	ng	#	96
85) Di-n-octyl phthalate	22.257	149	2681318	51.99	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.439	276	3533456	47.29	ng	#	91
88) Benzo(b)fluoranthene	23.115	252	2796237	43.89	ng	#	96
89) Benzo(k)fluoranthene	23.163	252	2607436	43.19	ng	#	97
90) Benzo(a)pyrene	23.757	252	2633820	45.44	ng	#	97
91) Dibenzo(a,h)anthracene	26.451	278	3013429	46.48	ng	#	95
92) Benzo(g,h,i)perylene	27.227	276	2986227	47.75	ng	#	92

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

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