Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031621\
Data File : BM029146.D
Acq On : 16 Mar 2021 12:51
Operator : CG/JU
Sample : PB135177BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135177BS

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:46 AM

Quant Time: Mar 16 14:24:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	10803	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	42875	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	22845	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	41751	20.00	ng	# 0.00
76) Chrysene-d12	21.215	240	33428	20.00	ng	#-0.01
86) Perylene-d12	23.356	264	30152	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.204	112	74694	114.60	ng	0.00
7) Phenol-d6	6.834	99	88772	103.12	ng	0.01
23) Nitrobenzene-d5	8.792	82	49295	62.03	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	26157	96.61	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	104640	60.98	ng	0.00
79) Terphenyl-d14	19.662	244	107581	59.42	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	10425	42.54	ng	# 54
3) Pyridine	3.463	79	26938	41.65	ng	# 27
4) n-Nitrosodimethylamine	3.387	42	21772	60.26	ng	# 38
6) Aniline	6.957	93	28695	31.17	ng	99
8) 2-Chlorophenol	7.192	128	32102	41.47	ng	95
9) Benzaldehyde	6.769	77	7172	15.29	ng	# 79
10) Phenol	6.863	94	35359	41.33	ng	96
11) bis(2-Chloroethyl)ether	7.057	93	27074	41.72	ng	91
12) 1,3-Dichlorobenzene	7.498	146	35797	42.40	ng	95
13) 1,4-Dichlorobenzene	7.651	146	36610	42.75	ng	98
14) 1,2-Dichlorobenzene	7.963	146	34449	41.81	ng	98
15) Benzyl Alcohol	7.881	79	26109	42.41	ng	# 91
16) 2,2'-oxybis(1-Chloropr...	8.157	45	48751	48.78	ng	68
17) 2-Methylphenol	8.098	107	24353	41.92	ng	91
18) Hexachloroethane	8.669	117	14515	46.65	ng	91
19) n-Nitroso-di-n-propyla...	8.439	70	21222	41.91	ng	# 45
20) 3+4-Methylphenols	8.428	107	32996	42.22	ng	93
22) Acetophenone	8.457	105	45268	43.29	ng	# 81
24) Nitrobenzene	8.834	77	33791	41.82	ng	# 86
25) Isophorone	9.351	82	57206	40.91	ng	97
26) 2-Nitrophenol	9.539	139	17218	42.19	ng	86
27) 2,4-Dimethylphenol	9.616	122	26866	43.87	ng	92
28) bis(2-Chloroethoxy)met...	9.839	93	36235	45.61	ng	# 98
29) 2,4-Dichlorophenol	10.081	162	28736	41.01	ng	98
30) 1,2,4-Trichlorobenzene	10.269	180	32375	42.14	ng	95
31) Naphthalene	10.451	128	93891	39.72	ng	99
32) Benzoic acid	9.834	122	17887	40.75	ng	# 89
33) 4-Chloroaniline	10.592	127	22615	23.80	ng	95
34) Hexachlorobutadiene	10.716	225	19865	43.12	ng	99
35) Caprolactam	11.410	113	7182	37.47	ng	# 57
36) 4-Chloro-3-methylphenol	11.751	107	28083	39.77	ng	93
37) 2-Methylnaphthalene	12.080	142	64521	38.79	ng	97
38) 1-Methylnaphthalene	12.298	142	60302	38.28	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	31591	44.23	ng	100
41) Hexachlorocyclopentadiene	12.416	237	25289	92.88	ng	99
43) 2,4,6-Trichlorophenol	12.722	196	20741	41.43	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	21492	39.99	ng		97
46) 1,1'-Biphenyl	13.110	154	77512	42.31	ng		97
47) 2-Chloronaphthalene	13.157	162	61015	40.80	ng		98
48) 2-Nitroaniline	13.392	65	17846	44.36	ng		89
49) Acenaphthylene	14.010	152	93884	40.87	ng		99
50) Dimethylphthalate	13.763	163	72557	41.91	ng		100
51) 2,6-Dinitrotoluene	13.898	165	16132	39.96	ng		93
52) Acenaphthene	14.351	154	55908	39.69	ng		99
53) 3-Nitroaniline	14.233	138	10895	27.70	ng		88
54) 2,4-Dinitrophenol	14.457	184	15207	73.65	ng		88
55) Dibenzofuran	14.692	168	87739	39.67	ng		94
56) 4-Nitrophenol	14.586	139	21262	65.90	ng		93
57) 2,4-Dinitrotoluene	14.698	165	21300	40.40	ng	#	88
58) Fluorene	15.345	166	71939	40.58	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.933	232	16889m	39.11	ng		
60) Diethylphthalate	15.127	149	74819	42.95	ng		98
61) 4-Chlorophenyl-phenyle...	15.339	204	35744	42.26	ng	#	90
62) 4-Nitroaniline	15.404	138	12775	33.60	ng		96
63) Azobenzene	15.633	77	68053	42.34	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.468	198	10486	35.67	ng	#	72
66) n-Nitrosodiphenylamine	15.563	169	57648	40.36	ng		99
67) 4-Bromophenyl-phenylether	16.233	248	19729	42.11	ng	#	87
68) Hexachlorobenzene	16.339	284	21405	41.00	ng	#	87
69) Atrazine	16.521	200	16413	36.94	ng		97
70) Pentachlorophenol	16.704	266	22149	79.32	ng		98
71) Phenanthrene	17.080	178	97128	39.07	ng		99
72) Anthracene	17.168	178	98999	40.20	ng		100
73) Carbazole	17.457	167	84448	35.74	ng		97
74) Di-n-butylphthalate	18.004	149	119110	44.33	ng		100
75) Fluoranthene	19.098	202	102241	37.42	ng		99
77) Benzidine	19.298	184	33020	29.98	ng		98
78) Pyrene	19.462	202	102177	41.61	ng		100
80) Butylbenzylphthalate	20.362	149	47599	45.03	ng		96
81) Benzo(a)anthracene	21.203	228	91448	39.42	ng		99
82) 3,3'-Dichlorobenzidine	21.145	252	22157	27.65	ng	#	97
83) Chrysene	21.256	228	87298	38.62	ng		99
84) Bis(2-ethylhexyl)phtha...	21.127	149	73351	48.22	ng	#	95
85) Di-n-octyl phthalate	21.980	149	120226	46.58	ng	#	86
87) Indeno(1,2,3-cd)pyrene	25.491	276	94546	41.55	ng	#	92
88) Benzo(b)fluoranthene	22.721	252	88855	41.72	ng	#	97
89) Benzo(k)fluoranthene	22.762	252	80389	39.73	ng	#	98
90) Benzo(a)pyrene	23.268	252	75650	38.92	ng	#	96
91) Dibenzo(a,h)anthracene	25.491	278	81335	41.13	ng	#	96
92) Benzo(g,h,i)perylene	26.138	276	77898	40.80	ng	#	95

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

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