Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
Data File : BM029015.D
Acq On : 08 Mar 2021 12:31
Operator : CG/JU
Sample : PB135023BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135023BSD

Manual Integrations APPROVED
mohammad
3/9/2021 12:20:15 PM

Quant Time: Mar 08 13:11:07 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 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	8473	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	32413	20.00	ng		# 0.00
39) Acenaphthene-d10	14.339	164	18289	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	36205	20.00	ng		-0.01
76) Chrysene-d12	21.262	240	37605	20.00	ng		#-0.01
86) Perylene-d12	23.421	264	39302	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	57207	111.91	ng		0.00
7) Phenol-d6	6.875	99	68547	101.52	ng		0.00
23) Nitrobenzene-d5	8.845	82	36994	61.58	ng		-0.01
42) 2,4,6-Tribromophenol	15.839	330	22157	102.22	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	80528	58.62	ng		0.00
79) Terphenyl-d14	19.715	244	103458	50.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	8699	45.26	ng	#	55
3) Pyridine	3.504	79	22068	43.51	ng	#	29
4) n-Nitrosodimethylamine	3.422	42	16662	58.80	ng	#	42
6) Aniline	7.010	93	21159	29.31	ng		98
8) 2-Chlorophenol	7.245	128	24864	40.95	ng		95
9) Benzaldehyde	6.822	77	6526	17.73	ng		89
10) Phenol	6.898	94	27147	40.46	ng		97
11) bis(2-Chloroethyl)ether	7.110	93	20884	41.03	ng		93
12) 1,3-Dichlorobenzene	7.557	146	28018	42.31	ng	#	94
13) 1,4-Dichlorobenzene	7.710	146	27816	41.42	ng		98
14) 1,2-Dichlorobenzene	8.022	146	26459	40.95	ng		98
15) Benzyl Alcohol	7.934	79	19964	41.35	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.210	45	36428	46.47	ng		68
17) 2-Methylphenol	8.145	107	18708	41.06	ng		93
18) Hexachloroethane	8.734	117	10721	43.93	ng		91
19) n-Nitroso-di-n-propyla...	8.492	70	16266	40.95	ng	#	44
20) 3+4-Methylphenols	8.475	107	25120	40.98	ng		93
22) Acetophenone	8.510	105	34794	44.02	ng	#	83
24) Nitrobenzene	8.892	77	25492	41.73	ng	#	88
25) Isophorone	9.410	82	42025	39.75	ng		96
26) 2-Nitrophenol	9.598	139	12442	40.33	ng		90
27) 2,4-Dimethylphenol	9.669	122	19937	43.06	ng		96
28) bis(2-Chloroethoxy)met...	9.898	93	26237	43.68	ng	#	95
29) 2,4-Dichlorophenol	10.133	162	21524	40.63	ng		99
30) 1,2,4-Trichlorobenzene	10.333	180	23856	41.07	ng		98
31) Naphthalene	10.516	128	70871	39.66	ng		99
32) Benzoic acid	9.839	122	14225	42.86	ng	#	85
33) 4-Chloroaniline	10.645	127	17961	25.01	ng		92
34) Hexachlorobutadiene	10.786	225	14800	42.50	ng		98
35) Caprolactam	11.451	113	5661	39.06	ng	#	45
36) 4-Chloro-3-methylphenol	11.792	107	21843	40.91	ng		96
37) 2-Methylnaphthalene	12.139	142	49761	39.58	ng		98
38) 1-Methylnaphthalene	12.363	142	46895	39.38	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	24193	42.31	ng		98
41) Hexachlorocyclopentadiene	12.480	237	27499	126.16	ng		100
43) 2,4,6-Trichlorophenol	12.769	196	15922	39.72	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	17352	40.33	ng		95
46) 1,1'-Biphenyl	13.169	154	61004	41.59	ng		99
47) 2-Chloronaphthalene	13.210	162	48579	40.57	ng		96
48) 2-Nitroaniline	13.439	65	14642	45.47	ng		96
49) Acenaphthylene	14.063	152	74818	40.69	ng		100
50) Dimethylphthalate	13.816	163	58179	41.98	ng		100
51) 2,6-Dinitrotoluene	13.945	165	12808	39.63	ng		95
52) Acenaphthene	14.404	154	44658	39.60	ng		99
53) 3-Nitroaniline	14.274	138	9011	28.62	ng		90
54) 2,4-Dinitrophenol	14.498	184	14174	85.75	ng		93
55) Dibenzofuran	14.745	168	70682	39.92	ng		97
56) 4-Nitrophenol	14.610	139	20783	80.47	ng		92
57) 2,4-Dinitrotoluene	14.739	165	17991	42.62	ng	#	83
58) Fluorene	15.392	166	57191	40.30	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.980	232	14191m	41.05	ng		
60) Diethylphthalate	15.180	149	60153	43.14	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	28355	41.88	ng	#	90
62) 4-Nitroaniline	15.445	138	12001	39.42	ng		98
63) Azobenzene	15.686	77	54503	42.36	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.504	198	9537	37.41	ng	#	64
66) n-Nitrosodiphenylamine	15.615	169	48666	39.29	ng		99
67) 4-Bromophenyl-phenylether	16.286	248	16050	39.51	ng	#	89
68) Hexachlorobenzene	16.392	284	18027	39.82	ng	#	90
69) Atrazine	16.568	200	14109	36.61	ng		97
70) Pentachlorophenol	16.745	266	21039	86.88	ng		98
71) Phenanthrene	17.133	178	86501	40.12	ng		99
72) Anthracene	17.221	178	87993	41.20	ng		98
73) Carbazole	17.504	167	79508	38.80	ng		99
74) Di-n-butylphthalate	18.056	149	101123	43.40	ng		99
75) Fluoranthene	19.145	202	98741	41.68	ng		99
77) Benzidine	19.345	184	35858	28.94	ng		99
78) Pyrene	19.509	202	102230	37.01	ng		100
80) Butylbenzylphthalate	20.409	149	47829	40.22	ng		95
81) Benzo(a)anthracene	21.250	228	102659	39.34	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	27601	30.62	ng	#	95
83) Chrysene	21.297	228	99988	39.32	ng		100
84) Bis(2-ethylhexyl)phtha...	21.174	149	73604	43.01	ng	#	95
85) Di-n-octyl phthalate	22.033	149	134685	46.38	ng	#	86
87) Indeno(1,2,3-cd)pyrene	25.580	276	123351	41.59	ng	#	92
88) Benzo(b)fluoranthene	22.780	252	106880	38.50	ng	#	96
89) Benzo(k)fluoranthene	22.821	252	106900	40.53	ng	#	97
90) Benzo(a)pyrene	23.327	252	98340	38.82	ng	#	98
91) Dibenzo(a,h)anthracene	25.585	278	104768	40.65	ng	#	95
92) Benzo(g,h,i)perylene	26.238	276	101400	40.74	ng	#	92

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

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