Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029129.D
Acq On : 15 Mar 2021 14:29
Operator : CG/JU
Sample : PB135159BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135159BS

Manual Integrations APPROVED
mohammad
3/16/2021 11:15:44 AM

Quant Time: Mar 15 15:36:22 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	8479	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	32436	20.00	ng		#-0.01
39) Acenaphthene-d10	14.286	164	18035	20.00	ng		-0.01
64) Phenanthrene-d10	17.039	188	34277	20.00	ng		# 0.00
76) Chrysene-d12	21.215	240	32216	20.00	ng		#-0.01
86) Perylene-d12	23.356	264	32282	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.193	112	53755	105.08	ng		0.00
7) Phenol-d6	6.816	99	65555	97.02	ng		0.00
23) Nitrobenzene-d5	8.792	82	35451	58.97	ng		0.00
42) 2,4,6-Tribromophenol	15.792	330	20039	93.75	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	77557	57.25	ng		0.00
79) Terphenyl-d14	19.668	244	90077	51.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.052	88	8154	42.39	ng	#	57
3) Pyridine	3.463	79	20169	39.74	ng	#	30
4) n-Nitrosodimethylamine	3.387	42	15864	55.94	ng	#	39
6) Aniline	6.957	93	19763	27.35	ng		99
8) 2-Chlorophenol	7.187	128	23962	39.44	ng		97
9) Benzaldehyde	6.775	77	6109	16.59	ng		86
10) Phenol	6.845	94	26068	38.82	ng		97
11) bis(2-Chloroethyl)ether	7.057	93	19823	38.92	ng		87
12) 1,3-Dichlorobenzene	7.498	146	27100	40.89	ng		95
13) 1,4-Dichlorobenzene	7.651	146	27120	40.35	ng		98
14) 1,2-Dichlorobenzene	7.963	146	26162	40.46	ng		98
15) Benzyl Alcohol	7.881	79	18482	38.25	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.145	45	36127	46.06	ng		69
17) 2-Methylphenol	8.087	107	17973	39.42	ng		93
18) Hexachloroethane	8.675	117	10571	43.29	ng		92
19) n-Nitroso-di-n-propyla...	8.439	70	15507	39.02	ng	#	53
20) 3+4-Methylphenols	8.422	107	24393	39.76	ng		93
22) Acetophenone	8.457	105	33446	42.28	ng	#	82
24) Nitrobenzene	8.834	77	24347	39.83	ng	#	89
25) Isophorone	9.351	82	40869	38.63	ng		97
26) 2-Nitrophenol	9.539	139	12091	39.16	ng		92
27) 2,4-Dimethylphenol	9.610	122	18936	40.87	ng		93
28) bis(2-Chloroethoxy)met...	9.839	93	25253	42.01	ng		98
29) 2,4-Dichlorophenol	10.075	162	20537	38.74	ng		96
30) 1,2,4-Trichlorobenzene	10.275	180	23359	40.19	ng		97
31) Naphthalene	10.457	128	69028	38.60	ng		100
32) Benzoic acid	9.804	122	12064	36.33	ng	#	83
33) 4-Chloroaniline	10.592	127	16692	23.22	ng		95
34) Hexachlorobutadiene	10.722	225	14187	40.71	ng		95
35) Caprolactam	11.398	113	5396	37.21	ng	#	51
36) 4-Chloro-3-methylphenol	11.739	107	20418	38.22	ng		93
37) 2-Methylnaphthalene	12.080	142	47779	37.97	ng		99
38) 1-Methylnaphthalene	12.304	142	44573	37.40	ng		96
40) 1,2,4,5-Tetrachloroben...	12.457	216	23472	41.63	ng		99
41) Hexachlorocyclopentadiene	12.416	237	20717	96.38	ng		99
43) 2,4,6-Trichlorophenol	12.716	196	14963	37.86	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	16082	37.91	ng		97
46) 1,1'-Biphenyl	13.110	154	58032	40.12	ng		99
47) 2-Chloronaphthalene	13.157	162	46061	39.01	ng		97
48) 2-Nitroaniline	13.386	65	13582	42.77	ng		97
49) Acenaphthylene	14.010	152	70198	38.71	ng		99
50) Dimethylphthalate	13.763	163	55270	40.44	ng		99
51) 2,6-Dinitrotoluene	13.892	165	12008	37.68	ng		95
52) Acenaphthene	14.351	154	41983	37.75	ng		98
53) 3-Nitroaniline	14.227	138	8219	26.47	ng		87
54) 2,4-Dinitrophenol	14.457	184	12036	73.84	ng	#	85
55) Dibenzofuran	14.692	168	66105	37.86	ng		94
56) 4-Nitrophenol	14.563	139	18019	70.75	ng		91
57) 2,4-Dinitrotoluene	14.698	165	16681	40.07	ng	#	87
58) Fluorene	15.345	166	54073	38.64	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.933	232	12949m	37.98	ng		
60) Diethylphthalate	15.127	149	56408	41.02	ng		96
61) 4-Chlorophenyl-phenyle...	15.339	204	26684	39.96	ng		91
62) 4-Nitroaniline	15.398	138	10522	35.05	ng		97
63) Azobenzene	15.633	77	51632	40.69	ng	#	82
65) 4,6-Dinitro-2-methylph...	15.468	198	8275	34.28	ng	#	71
66) n-Nitrosodiphenylamine	15.563	169	44365	37.84	ng		100
67) 4-Bromophenyl-phenylether	16.233	248	15172	39.45	ng	#	88
68) Hexachlorobenzene	16.345	284	16460	38.40	ng	#	86
69) Atrazine	16.521	200	13140	36.02	ng		98
70) Pentachlorophenol	16.698	266	18393	80.23	ng		96
71) Phenanthrene	17.080	178	77258	37.85	ng		100
72) Anthracene	17.174	178	79465	39.30	ng		98
73) Carbazole	17.451	167	70031	36.10	ng		98
74) Di-n-butylphthalate	18.004	149	93598	42.43	ng		100
75) Fluoranthene	19.098	202	86146	38.41	ng		99
77) Benzidine	19.298	184	34864	32.84	ng		99
78) Pyrene	19.462	202	87895	37.14	ng		100
80) Butylbenzylphthalate	20.362	149	41240	40.48	ng	#	97
81) Benzo(a)anthracene	21.203	228	84747	37.90	ng		99
82) 3,3'-Dichlorobenzidine	21.144	252	19075	24.70	ng	#	98
83) Chrysene	21.256	228	83244	38.21	ng		98
84) Bis(2-ethylhexyl)phtha...	21.133	149	63391	43.24	ng		96
85) Di-n-octyl phthalate	21.980	149	110949	44.60	ng	#	85
87) Indeno(1,2,3-cd)pyrene	25.491	276	98326	40.36	ng	#	92
88) Benzo(b)fluoranthene	22.721	252	89085	39.07	ng	#	97
89) Benzo(k)fluoranthene	22.762	252	81318	37.54	ng	#	97
90) Benzo(a)pyrene	23.268	252	77478	37.23	ng	#	96
91) Dibenzo(a,h)anthracene	25.491	278	83482	39.43	ng	#	95
92) Benzo(g,h,i)perylene	26.138	276	79718	39.00	ng	#	91

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

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